



HYDROELECTRIC POWER RESOURCES OF THE UNITED STATES

DEVELOPED AND UNDEVELOPED

JANUARY 1, 1964



FEDERAL POWER COMMISSION

WASHINGTON

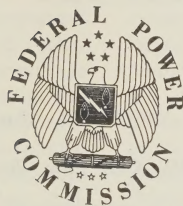
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FEDERAL POWER COMMISSION

WASHINGTON : NOVEMBER 1964

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Prepared by the
Bureau of Power, Federal Power Commission

PREFACE

This publication, the fourth in this series issued by the Federal Power Commission, presents data as of January 1, 1964, on capacity, generation, and other characteristics of developed and undeveloped hydroelectric power resources of the United States. Statistics are shown by major drainages and river basins and by geographic divisions and States. This series of reports is the only single source of such data in the United States. Earlier editions were published for the years 1960, 1957, and 1953.

The present report contains several important features not included in the 1960 and earlier editions. Information on usable power storage capacities is shown, for the first time, in the listings of developed and undeveloped powersites. The current listings of undeveloped powersites generally do not include potential projects with installed capacities of less than 5,000 kilowatts; in the 1960 edition, potential projects with installations of less than 1,500 kilowatts were generally excluded. Data for the States of Alaska and Hawaii have been incorporated in the tables and summaries; in the 1960 edition these data were presented in a supplement at the end of the publication. In addition, a new section dealing with trends in hydroelectric power development has been added, following the summary of the report. However, the formats of the tables in this report are generally the same as those used in the 1960 edition.

The principal listings and summaries of developed and undeveloped hydroelectric power given in this report include only conventional power installations. Pumped storage projects are discussed separately at the end of the text.

Many changes have taken place since the last edition in 1960 that affect the amounts of developed and undeveloped hydroelectric power.

Many new plants have been built and a number of constructed plants have had their installations enlarged. Some existing plants, generally of small size, have been abandoned or dismantled.

New surveys of river basins by various Federal and non-Federal entities, covering water resources development for a number of purposes including hydroelectric power production, have provided additional information on undeveloped powersites. Detailed studies and investigations have been made of many individual sites. These appraisals have included consideration of the growing need for larger installations to operate at low plant factors for peaking purposes. As a result of the more recent studies, a number of new potential powersites are included and some previously reported sites are shown to have greater potentialities than previously estimated. Conversely, other sites once considered for possible future development have been discarded as lacking either engineering or economic feasibility.

Federal Power Commission studies with respect to the hydroelectric power resources of the United States are made under the provisions of section 4(a) of the Federal Power Act, which authorizes the Commission "to make investigations and to collect and record data concerning the utilization of the water resources of any region to be developed" Publication of the results of these studies, as they relate to the development of hydroelectric power, is authorized by section 4(d) of the Federal Power Act.

Other Commission publications relating to electric power resources development in the United States are the two annuals, "Hydroelectric Plant Construction Cost and Annual Production Expenses" and "Steam-Electric Plant Construction Cost and Annual Production Expenses."

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HYDROELECTRIC POWER RESOURCES OF THE UNITED STATES DEVELOPED AND UNDEVELOPED JANUARY 1, 1964

SUMMARY

The total potential hydroelectric power of contiguous United States, Alaska, and Hawaii is estimated, as of January 1, 1964, to be about 156.0 million kilowatts of capacity having an average energy production rate of about 648 billion kilowatt-hours annually. About 40.2 million kilowatts, or 26 percent of the total potential, are now developed, with an average annual energy production of about 202 billion kilowatt-hours. Of the remaining (undeveloped) potential hydroelectric power of 115.8 million kilowatts, with a corresponding average annual energy production of about 446 billion kilowatt-hours, about 10.9 million kilowatts were under construction at the beginning of 1964. These totals are subject to revision as additional information is obtained, based on new and more detailed investigations. Further, it cannot now be foreseen what part of the undeveloped potential will be found to be economical or practicable of development. However, the estimate serves to indicate, from a long-range view, the overall hydroelectric power potentialities of the United States.

Developed hydroelectric capacity for the 50 States increased sharply, 8.2 million kilowatts, or 26 percent, since January 1, 1960, as indicated in the following tabulation:

Stage of development	Installed capacity (millions of kilowatts)		Percent increase, 1960-64
	Jan. 1, 1960	Jan. 1, 1964	
Developed.....	32.0	40.2	26
Undeveloped.....	114.3	115.8	1
Total potential.....	146.3	156.0	7

The total estimates of potential capacity increased by 9.7 million kilowatts during this 4-year period. This substantial increase in the estimate occurs despite the exclusion from the listings as of January 1, 1964, of a large number

of relatively small undeveloped hydroelectric projects. A large part of the increase results from the reappraisal of the potential of both developed and undeveloped sites to reflect the need for larger installations to serve in the peaks of growing powerloads. An example of such reappraisal is the current planning for the installation of an additional 3,600,000 kilowatts at the existing Grand Coulee Dam.

The installed capacity of hydroelectric power resources as of January 1, 1964, listed in the various tables in this report, is summarized in national totals in the following tabulation, by stage of development and by authorization—Federal Power Commission licensed, Federal authorized, and other.

Stage of development	Installed capacity (millions of kilowatts)			
	FPC licensed	Federal authorized	Other	Total
Developed.....	17.7	16.9	5.6	40.2
Undeveloped:				
Under construction.....	4.6	6.2	.1	10.9
Not under construction.....	4.9	9.3	90.7	104.9
Total potential.....	27.2	32.4	96.4	156.0

Selected characteristics of the current hydroelectric power resources shown in the detailed listings in this report are summarized by stage of development and by major drainages in table A, and by stage of development and by geographic divisions in table B. The major drainages are outlined on chart 1, which depicts for each drainage the developed and undeveloped hydroelectric capacity. The geographic divisions are outlined on chart 2, which shows for each division the same type of information on hydroelectric capacity. The descriptions of the major drainages and geographic divisions are given on the following page.

DESCRIPTION OF BOUNDARIES

Major Drainages

The river basins of the United States are grouped into 16 major drainages. Each covers an area with boundaries coinciding with natural drainage features. The boundaries of these major drainages conform generally to the boundaries of the areas adopted by the U.S. Geological Survey as a basis for its publication of streamflow measurements, with some adjustments in the grouping of river basins. The States of Alaska and Hawaii are included as separate major drainages.

These major drainages and the river systems which they comprise are: *Hudson Bay*: the U.S. portions of river systems draining into Hudson Bay; *Great Lakes-St. Lawrence*: all river systems in the United States draining into the Great Lakes or the St. Lawrence River; *North Atlantic*: the U.S. portions of river systems draining into the Atlantic Ocean starting with the St. John River, Maine, and extending to and including the York River, Va.; *South Atlantic*: the remaining river systems draining into the Atlantic Ocean starting with the James River, Va.; *Eastern Gulf*: river systems draining into the Gulf of Mexico east of the Mississippi River; *Western Gulf*: river systems draining into the Gulf of Mexico west of the Mississippi River; *Lower Mississippi River*: Mississippi River and tributaries from its mouth to the Missouri River, excluding the Ohio River Basin; *Upper Mississippi River*: Mississippi River and all tributaries above the mouth of the Missouri River; *Ohio River*: the Ohio River and its tributaries; *Missouri River*: the Missouri River and its tributaries; *Great Basin*: all river systems within the Great Basin; *North Pacific*: river systems draining into the Pacific Ocean along the Washington-Oregon coastline; *South Pacific*: river systems draining into the Pacific Ocean along the California coastline; *Colorado River*: the Colorado River and its tributaries; *Alaska*: the U.S. portions of river systems in the State of Alaska; and *Hawaii*: all river systems in the State of Hawaii. (See chart 1.)

Geographic Divisions

The States are grouped into 11 geographic divisions. The grouping used by the Bureau of the Census in presenting census statistics has been adopted for the contiguous United States. The States of Alaska and Hawaii are included as separate geographic divisions. These geographic divisions and the States which they comprise are: *New England*: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut; *Middle Atlantic*: New York, New Jersey, Pennsylvania; *East North Central*: Ohio, Indiana, Illinois, Michigan, Wisconsin; *West North Central*: Minnesota, Iowa, North Dakota, South Dakota, Nebraska, Kansas; *South Atlantic*: Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida; *East South Central*: Kentucky, Tennessee, Alabama, Mississippi; *West South Central*: Arkansas, Louisiana, Oklahoma, Texas; *Mountain*: Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada; *Pacific*: Washington, Oregon, California; *Alaska*: Alaska; and *Hawaii*: Hawaii. (See chart 2.)

DEVELOPED AND UNDEVELOPED HYDROELECTRIC POWER BY MAJOR DRAINAGES

JANUARY 1, 1964

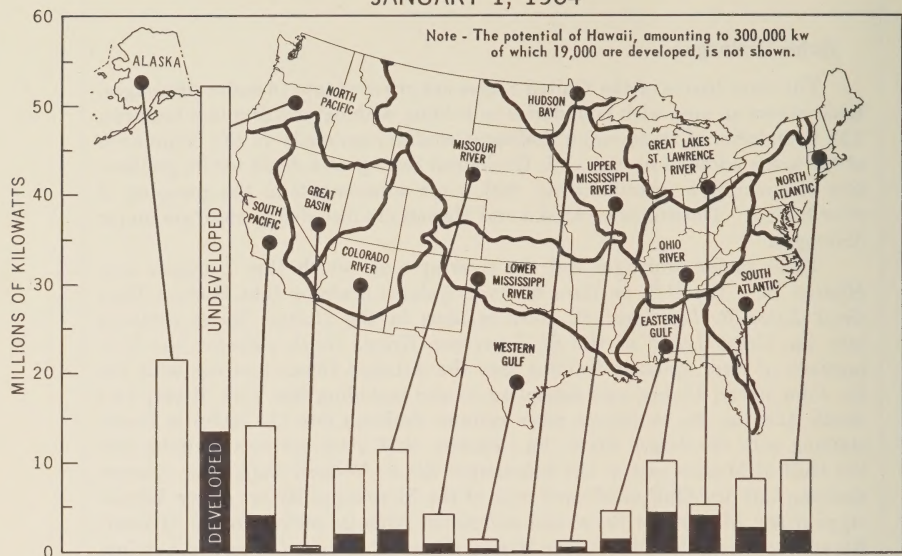


CHART 1

DEVELOPED AND UNDEVELOPED HYDROELECTRIC POWER BY GEOGRAPHIC DIVISIONS

JANUARY 1, 1964

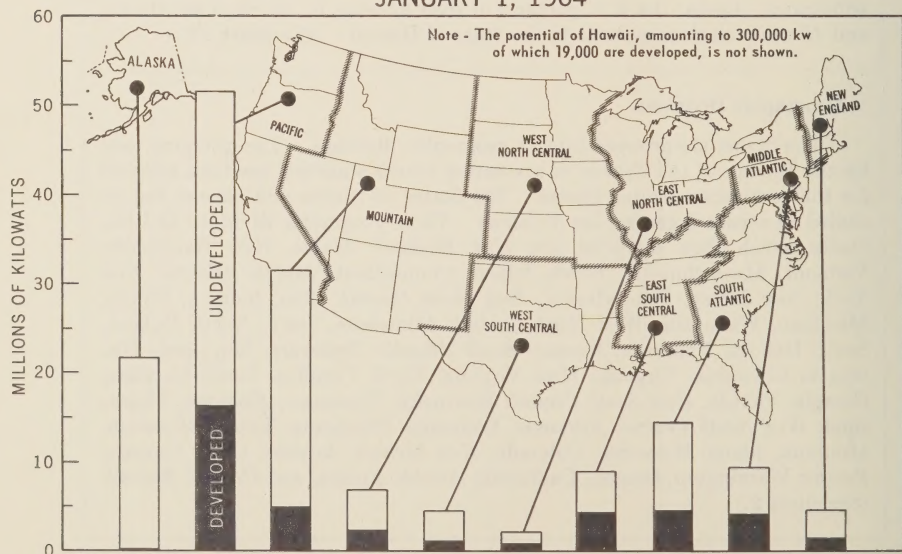


CHART 2

SUMMARY TABLE A - HYDROELECTRIC POWER RESOURCES OF THE UNITED STATES

BY MAJOR DRAINAGES

As of January 1, 1964

	UNITED STATES	HUDSON BAY	GREAT LAKES-ST. LAWRENCE RIVER	NORTH ATLANTIC	SOUTH ATLANTIC	EASTERN GULF	WESTERN GULF	LOWER MISSISSIPPI RIVER	UPPER MISSISSIPPI RIVER	OHIO RIVER	MISSOURI RIVER	GREAT BASIN	NORTH PACIFIC	SOUTH PACIFIC	COLORADO RIVER	ALASKA	HAWAII
DEVELOPED																	
Number of plants	1,602	10	310	336	131	33	27	20	135	75	75	83	158	125	41	24	19
TOTAL INSTALLED CAPACITY, kw	40,230,291	14,325	4,041,797	2,499,630	2,771,340	1,339,213	345,618	1,031,610	609,427	4,563,292	2,618,826	483,821	13,589,081	4,219,367	1,994,495	89,562	18,887
Percent of U. S. total	100	--	10	6	7	3	1	3	2	11	7	1	34	10	5	--	--
AVERAGE ANNUAL GENERATION, 1,000 kwh	201,918,565	69,200	24,861,300	10,715,270	6,816,150	4,798,800	1,046,700	2,785,900	3,125,825	19,582,700	12,200,000	1,720,200	85,851,700	20,407,300	7,503,380	328,540	105,600
Number of Federal plants	124	0	1	1	4	4	3	8	1	33	23	3	25	7	10	1	0
Total Federal capacity, kw	16,856,272	0	18,400	3,000	762,000	320,000	85,800	851,000	2,752	3,536,400	1,994,050	10,650	6,673,670	761,850	1,806,700	30,000	0
Number of licensed plants	366	2	22	39	28	15	1	4	33	14	16	31	61	79	8	13	0
Total licensed capacity, kw	17,739,813	4,600	3,045,574	1,347,289	1,605,555	908,675	22,500	167,700	218,500	665,220	558,238	106,485	6,141,108	2,883,337	25,407	39,625	0
Number of industrial plants	337	1	65	142	42	5	1	0	24	8	5	3	9	2	1	14	15
Total industrial capacity, kw	735,946	5,600	110,726	305,021	59,050	14,545	200	0	52,794	113,380	8,790	1,300	33,158	1,900	358	18,437	10,687
Largest plant	Niagara	Intl. Falls	Niagara	Conowingo	Clark Hill	Martin Dam	Mansfield	Bull Shoals	Keokuk	Wilson	Oahe	S. Francisco I	Grand Coulee	Shasta	Hoover	Eklutna	Keheka
Installed capacity, kw	1,953,900	5,600	1,953,900	252,000	280,000	154,200	67,500	340,000	124,800	598,000	595,000	58,125	1,944,000	375,000	1,340,000	30,000	4,000
River basin with largest developed capacity	Columbia	Rainy	Niagara	Connecticut	Santee	Alabama-Coosa	Colorado, Texas	White	Main Stream	Tennessee	Main Stream	Owens	Columbia	Sacramento	Main Stream	Eklutna	Hawaii Island
Number of plants	117	3	1	82	55	10	6	6	17	44	13	18	117	49	5	1	11
Installed capacity, kw	12,085,872	10,200	1,953,900	655,285	1,121,531	643,875	202,250	627,040	199,462	3,445,695	1,878,800	260,605	12,085,872	2,318,957	1,702,400	30,000	10,771
UNDEVELOPED																	
Number of new sites	1,711	0	96	160	86	53	50	80	34	86	139	24	480	168	76	177	2
TOTAL INSTALLED CAPACITY, kw	115,733,891	0	1,414,305	7,902,576	5,436,423	3,372,600	1,154,085	3,247,000	577,660	5,694,883	9,003,225	330,750	38,519,985	9,904,056	7,284,450	21,616,893	275,000
Percent of U. S. total	100	0	1	7	5	3	1	3	--	5	8	--	33	9	6	19	--
AVERAGE ANNUAL GENERATION, 1,000 kwh	445,858,440	0	4,038,700	18,745,900	8,600,700	5,973,800	2,641,400	8,843,700	2,459,900	17,211,100	38,352,200	1,235,000	137,910,600	37,417,700	28,728,040	132,399,700	1,300,000
River basin with largest undeveloped capacity	Columbia	none	Raquette	Susquehanna	Savannah	Alabama-Coosa	Rio Grande	White	Iowa	Kanawha	Main Stream	Great Salt Lake	Columbia	Sacramento	Main Stream	Yukon	Specific sites have not been identified.
Number of new sites	314	0	1	15	15	21	23	16	4	13	17	8	314	80	11	29	
Installed capacity, kw	34,148,991	0	183,500	2,446,560	1,614,600	2,059,950	495,950	1,082,400	98,800	1,176,950	4,273,900	186,750	34,148,991	6,424,623	5,478,000	11,874,380	
Capacity under construction, kw	10,888,105	0	0	222,480	389,700	734,750	132,750	860,500	0	403,000	863,200	0	4,742,275	1,510,650	1,128,800	0	0
TOTAL POTENTIAL																	
TOTAL INSTALLED CAPACITY, kw	155,964,182	14,325	5,456,102	10,402,206	8,207,763	4,711,813	1,499,703	4,278,610	1,187,087	10,258,175	11,622,051	814,571	52,109,066	14,123,423	9,278,945	21,706,455	293,887
Percent of U. S. total	100	--	3	7	5	3	1	3	1	7	7	1	33	9	6	14	0
AVERAGE ANNUAL GENERATION, 1,000 kwh	647,777,005	69,200	28,900,000	29,461,170	15,416,850	10,772,600	3,688,100	11,629,600	5,585,725	36,793,800	50,552,200	2,955,200	223,762,300	57,825,000	36,231,420	132,728,240	1,405,600
Percent of total potential capacity developed	26	100	74	24	34	28	23	24	51	44	23	59	26	30	21		6

DEVELOPING COUNTRIES

Part 1. Summary of Data

Country	Area (sq. miles)	Population (millions)	Population Density (per sq. mile)	Population Growth (% per year)	Population Projection (millions, 1975)
DEVELOPED					
Algeria	238,147	16.0	67	2.5	22.0
Angola	481,297	3.0	6	2.5	4.0
Argentina	2,780,167	22.0	8	1.5	25.0
Australia	2,969,954	10.0	3	1.5	12.0
Belgium	30,528	9.0	295	1.5	10.0
Brazil	8,511,965	100.0	12	2.5	130.0
Canada	9,970,610	24.0	2	1.5	28.0
France	454,846	46.0	101	1.5	52.0
Germany	357,021	43.0	120	1.5	48.0
Italy	301,330	46.0	153	1.5	52.0
Japan	377,946	113.0	300	1.5	125.0
United Kingdom	29,699	46.0	155	1.5	52.0
United States	3,797,000	190.0	50	1.5	210.0
Sweden	450,295	8.0	18	1.5	9.0
Switzerland	41,285	3.0	73	1.5	3.5
West Germany	111,354	46.0	413	1.5	52.0
Yugoslavia	61,838	16.0	260	1.5	18.0
UNDEVELOPED					
Algeria	238,147	16.0	67	2.5	22.0
Angola	481,297	3.0	6	2.5	4.0
Argentina	2,780,167	22.0	8	1.5	25.0
Australia	2,969,954	10.0	3	1.5	12.0
Belgium	30,528	9.0	295	1.5	10.0
Brazil	8,511,965	100.0	12	2.5	130.0
Canada	9,970,610	24.0	2	1.5	28.0
France	454,846	46.0	101	1.5	52.0
Germany	357,021	43.0	120	1.5	48.0
Italy	301,330	46.0	153	1.5	52.0
Japan	377,946	113.0	300	1.5	125.0
United Kingdom	29,699	46.0	155	1.5	52.0
United States	3,797,000	190.0	50	1.5	210.0
Sweden	450,295	8.0	18	1.5	9.0
Switzerland	41,285	3.0	73	1.5	3.5
West Germany	111,354	46.0	413	1.5	52.0
Yugoslavia	61,838	16.0	260	1.5	18.0
TOTAL POTENTIAL					
Algeria	238,147	16.0	67	2.5	22.0
Angola	481,297	3.0	6	2.5	4.0
Argentina	2,780,167	22.0	8	1.5	25.0
Australia	2,969,954	10.0	3	1.5	12.0
Belgium	30,528	9.0	295	1.5	10.0
Brazil	8,511,965	100.0	12	2.5	130.0
Canada	9,970,610	24.0	2	1.5	28.0
France	454,846	46.0	101	1.5	52.0
Germany	357,021	43.0	120	1.5	48.0
Italy	301,330	46.0	153	1.5	52.0
Japan	377,946	113.0	300	1.5	125.0
United Kingdom	29,699	46.0	155	1.5	52.0
United States	3,797,000	190.0	50	1.5	210.0
Sweden	450,295	8.0	18	1.5	9.0
Switzerland	41,285	3.0	73	1.5	3.5
West Germany	111,354	46.0	413	1.5	52.0
Yugoslavia	61,838	16.0	260	1.5	18.0

SUMMARY TABLE B - HYDROELECTRIC POWER RESOURCES OF THE UNITED STATES

BY GEOGRAPHIC DIVISIONS

As of January 1, 1964

	UNITED STATES	NEW ENGLAND	MIDDLE ATLANTIC	EAST NORTH CENTRAL	WEST NORTH CENTRAL	SOUTH ATLANTIC	EAST SOUTH CENTRAL	WEST SOUTH CENTRAL	MOUNTAIN	PACIFIC	ALASKA	HAWAII
States included within each division		Me., N. H., Vt., Mass., R. I., Conn.	N. Y., N. J., Pa.	Ohio, Ind., Ill., Mich., Wisc.	Minn., Ia., Mo., N. Dak., S. Dak., Nebr., Kans.	Del., Md., D.C., Va., W. Va., N.C., S.C., Ga., Fla.	Ky., Tenn., Ala., Miss.	Ark., La., Okla., Tex.	Mont., Ida., Wyo., Colo., N. Mex., Ariz., Utah, Nev.	Wash., Oreg., Calif.	Alaska	Hawaii
DEVELOPED												
Number of plants	1,602	289	185	255	99	200	46	37	186	262	24	19
TOTAL INSTALLED CAPACITY, kw	40,230,291	1,497,283	4,217,643	910,642	2,286,835	4,599,765	4,294,412	1,124,728	4,844,586	16,345,948	89,562	18,887
Percent of U. S. total	100	4	10	2	6	11	11	3	12	41	--	--
AVERAGE ANNUAL GENERATION, 1000 kwh	201,918,565	5,959,270	25,702,600	4,053,175	9,783,950	14,347,550	18,094,900	3,144,200	23,564,130	96,834,650	328,540	105,600
Number of Federal plants	124	0	0	2	6	14	28	9	38	26	1	0
Total Federal capacity, kw	16,856,272	0	0	21,152	1,616,200	1,390,100	3,231,300	712,500	2,789,760	7,065,260	30,000	0
Number of licensed plants	366	31	16	41	16	46	11	4	60	128	13	0
Total licensed capacity, kw	17,739,813	688,089	3,408,670	240,644	371,198	2,466,915	935,735	174,200	1,645,217	7,769,520	39,625	0
Number of industrial plants	337	123	47	56	14	51	1	1	4	11	14	15
Total industrial capacity, kw	735,946	40,767	88,039	92,743	42,247	176,175	8,000	200	1,598	35,118	18,437	10,687
Largest plant	Niagara	Comerford,	Niagara	Carbide	Oahe	Clark Hill	Wilson	Bull Shoals	Hoover	Grand Coulee	Eklutna	Keheka
Installed capacity, kw	1,953,900	each, 140,400	1,953,900	46,270	595,000	280,000	598,000	340,000	1,340,000	1,944,000	30,000	4,000
State with largest developed capacity	Wash.	Maine	New York	Wisconsin	S. Dakota	N. Carolina	Tennessee	Arkansas	Montana	Wash.	Alaska	Hawaii
Number of plants	56	82	167	127	10	66	25	8	20	56	24	19
Installed capacity, kw	8,997,919	491,049	3,810,229	421,218	926,396	1,630,623	1,921,200	568,340	1,261,830	8,997,919	89,562	18,887
UNDEVELOPED												
Number of new sites ^{1/}	1,711	102	102	79 (13)	85 (2)	156 (6)	69 (5)	90	352 (1)	511 (1)	177	2
TOTAL INSTALLED CAPACITY, kw	115,733,891	3,128,496	5,179,385	1,350,800	4,514,660	9,903,023	4,569,733	3,453,085	26,651,980	35,090,836	21,616,893	275,000
Percent of U. S. total	100	3	4	1	4	9	4	3	23	30	19	--
AVERAGE ANNUAL GENERATION, 1000 kwh	445,858,440	7,924,800	11,997,500	5,590,900	18,996,800	20,321,100	10,104,200	8,372,100	97,777,740	131,073,600	132,399,700	1,300,000
State with largest undeveloped capacity	Alaska	Maine	Pennsylvania	Indiana	Missouri	Georgia	Alabama	Arkansas	Idaho	Washington	Alaska	Hawaii
Number of new sites	177	44	33	9	23	39	23	27	122	193	177	2
Installed capacity, kw	21,616,893	1,786,043	3,322,480	396,000	2,074,000	2,537,300	2,071,900	1,315,100	10,134,485	19,293,680	21,616,893	275,000
Capacity under construction, kw	10,888,105	0	0	81,000	513,200	862,180	806,750	993,250	1,678,800	5,952,925	0	0
TOTAL POTENTIAL												
TOTAL INSTALLED CAPACITY, kw	155,964,182	4,625,779	9,397,028	2,261,442	6,801,495	14,502,788	8,864,145	4,577,813	31,496,566	51,436,784	21,706,455	293,887
Percent of U. S. total	100	3	6	2	4	9	6	3	20	33	14	--
AVERAGE ANNUAL GENERATION, 1,000 kwh	647,777,005	13,884,070	37,700,100	9,644,075	28,780,750	34,668,650	28,199,100	11,516,300	121,341,870	227,908,250	132,728,240	1,405,600
Percent of total potential capacity developed	26	32	45	40	34	32	48	24	15	32	--	6

^{1/} Numbers in parenthesis represent sites split between states of different geographic divisions.

TRENDS IN HYDROELECTRIC DEVELOPMENT

Historically, hydroelectric plants have constituted one of the two principal sources of the Nation's electric energy production, the other principal source being steam-electric plants. Although the development of hydroelectric power has proceeded at a substantial rate, the percentage of electric power supply derived from hydroelectric plants has decreased over the years as the demand for power in some parts of the country has outstripped the local availability of economical sites. During the last 30 years the portion of the energy supplied by electric utility systems from hydroelectric plants has dropped from about 40 percent to less than 20 percent.

Hydroelectric projects have a number of favorable characteristics which provide incentives for developing additional potential water-power sites. They utilize a renewable resource, they do not contribute to air pollution or thermal pollution of streams, and they are very reliable in operation. Because of their ability to start quickly and make rapid changes in power output, hydroelectric plants are well adapted for serving peak powerloads and for assisting in the supply of "spinning reserve" of utility systems. In many cases the development of hydroelectric power makes possible such associated benefits as recreation, water supply, fish and wildlife enhancement, and flood control.

Thus, the development of new hydroelectric capacity is expected to continue at a brisk rate, but not as fast as the rate of increases in powerloads. Although the number of remaining economical sites diminishes as development takes place, the increasing use of hydroelectric power to serve peakloads has enhanced the value of many powersites. This permits the development of some sites which formerly were marginal or uneconomical under higher plant-factor standards.

As indicated in the summary, about 26 percent of the country's estimated total potential hydroelectric capacity of 156.0 million kilowatts was developed as of January 1, 1964. The following tabulation shows the increase in percent development of the Nation's total potential hydroelectric power during the period

since 1920, based on the current estimate of total potential.

Year end	Developed capacity (millions of kilowatts)	Percent development
1920.....	4.8	3
1930.....	9.7	6
1940.....	12.3	8
1950.....	18.7	12
1960.....	33.1	21
1963.....	40.2	26

The total installed capacity at existing developments, the currently estimated capacity at undeveloped sites, and the sum of the two, together with the percent developed, are shown in the following tabulation. The information is arranged by major drainages and selected river basins, and by geographic divisions and States.

PERCENT DEVELOPMENT OF HYDROELECTRIC POWER RESOURCES, JAN. 1, 1964

[By major drainages and selected river basins]

Drainage and river basin	Developed installed capacity (kw)	Undeveloped estimated capacity (kw)	Total estimated capacity (kw)	Percent developed
United States.....	40,230,291	115,733,891	155,964,182	26
MAJOR DRAINAGES				
Hudson Bay.....	14,325	0	14,325	100
Great Lakes-St. Lawrence.....	4,041,797	1,414,305	5,456,102	74
North Atlantic.....	2,499,630	7,902,576	10,402,206	24
South Atlantic.....	2,771,340	5,436,423	8,207,763	34
Eastern Gulf.....	1,339,213	3,372,600	4,711,813	28
Western Gulf.....	345,618	1,154,085	1,499,703	23
Lower Mississippi River.....	1,031,610	3,247,000	4,278,610	24
Upper Mississippi River.....	609,427	577,660	1,187,087	51
Ohio River.....	4,563,292	5,694,883	10,258,175	44
Missouri River.....	2,618,826	9,003,225	11,622,051	23
Great Basin.....	483,821	330,750	814,571	59
North Pacific.....	13,589,081	38,519,985	52,109,066	26
South Pacific.....	4,219,367	9,904,056	14,123,423	30
Colorado River.....	1,994,495	7,284,450	9,278,945	21
Alaska.....	89,562	21,616,893	21,706,455	-----
Hawaii.....	18,887	275,000	293,887	6
SELECTED MAJOR RIVER BASINS				
St. Lawrence.....	1,255,224	696,645	1,951,869	64
Niagara.....	1,953,900	0	1,953,900	100
St. John.....	2,300	819,700	822,000	-----
Kennebec.....	209,505	382,350	591,855	35
Androscoggin.....	140,365	369,215	509,580	28
Connecticut.....	655,285	715,948	1,371,233	48
Hudson.....	406,271	572,400	978,671	42
Delaware.....	67,164	972,600	1,039,764	6
Susquehanna.....	586,380	2,446,560	3,032,940	19
Potomac.....	14,502	723,820	738,322	2
James.....	50,040	478,030	528,070	9
Roanoke.....	521,319	686,000	1,207,319	43
Yadkin-Pee Dee.....	263,117	447,700	710,817	37
Santee.....	1,121,531	1,267,693	2,389,224	47
Savannah.....	739,829	1,614,600	2,354,429	31
Altamaha.....	65,522	575,200	640,722	10
Apalachicola.....	471,580	854,200	1,325,780	36
Tombigbee.....	202,625	341,350	543,975	37
Alabama-Coosa.....	643,875	2,059,950	2,703,825	24
Rio Grande.....	71,180	495,950	567,130	13
Red.....	227,300	905,700	1,133,000	20
Arkansas.....	177,270	1,034,100	1,211,370	15
White.....	627,040	1,082,400	1,709,440	37
Ohio (except Tennessee and Cumberland).....	490,737	3,770,350	4,261,087	12

PERCENT DEVELOPMENT OF HYDROELECTRIC POWER RESOURCES, JAN. 1, 1964—Continued

Drainage and river basin	Developed installed capacity (kw)	Un-developed estimated capacity (kw)	Total estimated capacity (kw)	Percent developed
Tennessee.....	3,445,695	845,200	4,290,895	80
Cumberland.....	626,860	1,079,333	1,706,193	37
Missouri.....	2,618,826	9,003,225	11,622,051	23
Skagit.....	816,340	1,034,200	1,850,540	44
Snohomish.....	41,680	684,100	725,780	7
Columbia (except Snake).....	10,723,707	19,634,365	30,358,072	35
Snake.....	1,362,165	14,534,635	15,896,800	9
Umpqua.....	186,000	343,200	529,200	35
Rogue.....	67,073	816,700	883,773	8
Klamath.....	155,660	881,500	1,037,160	15
Sacramento.....	2,318,957	6,424,623	8,743,580	27
San Joaquin.....	1,331,350	1,154,920	2,486,270	54
Kings.....	307,300	663,500	970,800	32
Colorado.....	1,994,495	7,284,450	9,278,945	21
Nostak.....	0	1,345,000	1,345,000	0
Yukon.....	5,625	11,874,380	11,880,005	0
Kuskokwim.....	0	576,000	576,000	0
Chakachata.....	0	711,600	711,600	0
Sustina.....	0	1,602,800	1,602,800	0
Copper.....	0	2,228,600	2,228,600	0
Taiya.....	300	800,000	800,300	0
Total.....	36,965,904	106,714,783	143,680,687	26

PERCENT DEVELOPMENT OF HYDROELECTRIC POWER RESOURCES, JAN. 1, 1964—Continued

[By geographic divisions and States]

Division and State	Developed installed capacity (kw)	Undeveloped estimated capacity (kw)	Total estimated capacity (kw)	Percent developed
United States.....	40,230,291	115,733,891	155,964,182	26
New England.....	1,497,283	3,128,496	4,625,779	32
Middle Atlantic.....	4,217,643	5,179,385	9,397,028	45
East North Central.....	910,642	1,350,800	2,261,442	40
West North Central.....	2,286,835	4,514,660	6,801,495	34
South Atlantic.....	4,599,765	9,903,023	14,502,788	32
East South Central.....	4,294,412	4,569,733	8,864,145	48
West South Central.....	1,124,728	3,453,085	4,577,813	25
Mountain.....	4,844,585	26,651,980	31,496,566	14
Pacific.....	16,349,945	35,000,836	51,350,781	32
Alaska.....	89,562	21,616,893	21,706,455	0
Hawaii.....	18,887	275,000	293,887	6
New England:				
Maine.....	491,049	1,786,043	2,277,092	22
New Hampshire.....	442,040	571,100	1,013,140	44
Vermont.....	197,335	345,525	542,860	36
Massachusetts.....	221,899	247,628	469,527	47
Rhode Island.....	3,125	0	3,125	100
Connecticut.....	141,835	178,200	320,035	44
Middle Atlantic:				
New York.....	3,810,229	1,615,905	5,426,134	70
New Jersey.....	8,294	241,000	249,294	3
Pennsylvania.....	399,120	3,322,480	3,721,600	11
East North Central:				
Ohio.....	3,349	252,000	255,349	1
Indiana.....	29,557	396,000	425,557	7
Illinois.....	41,071	206,200	247,271	17
Michigan.....	415,447	272,250	687,697	60
Wisconsin.....	421,218	224,350	645,568	65
West North Central:				
Minnesota.....	182,889	142,210	325,099	56
Iowa.....	140,390	382,100	522,490	27
Missouri.....	392,600	2,074,000	2,466,600	16
North Dakota.....	400,000	195,000	595,000	67
South Dakota.....	926,396	771,000	1,697,396	55
Nebraska.....	238,650	647,810	886,460	27
Kansas.....	5,910	302,540	308,450	2
South Atlantic:				
Delaware.....	0	0	0	0
Maryland.....	271,800	385,480	657,280	41
District of Columbia.....	3,000	0	3,000	100
Virginia.....	409,742	1,595,330	2,005,072	20
West Virginia.....	208,330	2,173,320	2,381,650	9
North Carolina.....	1,630,623	1,073,650	2,704,273	60
South Carolina.....	964,341	2,053,943	3,018,284	32
Georgia.....	1,069,776	2,537,300	3,607,076	30
Florida.....	42,153	84,000	126,153	33

PERCENT DEVELOPMENT OF HYDROELECTRIC POWER RESOURCES, JAN. 1, 1964—Continued

Division and State	Developed installed capacity (kw)	Undeveloped estimated capacity (kw)	Total estimated capacity (kw)	Percent developed
East South Central:				
Kentucky.....	540,617	1,581,133	2,121,750	25
Tennessee.....	1,921,200	762,300	2,683,500	72
Alabama.....	1,832,595	2,071,900	3,904,495	47
Mississippi.....	0	154,400	154,400	0
West South Central:				
Arkansas.....	568,340	1,315,100	1,883,440	30
Louisiana.....	0	20,000	20,000	0
Oklahoma.....	165,400	955,600	1,121,000	15
Texas.....	390,988	1,162,385	1,553,373	25
Mountain:				
Montana.....	1,261,830	6,921,220	8,183,050	15
Idaho.....	1,250,465	10,134,485	11,384,950	11
Wyoming.....	212,830	1,100,550	1,313,380	16
Colorado.....	257,630	2,461,175	2,718,805	9
New Mexico.....	24,630	171,200	195,830	13
Arizona.....	979,990	4,588,500	5,568,490	18
Utah.....	174,251	1,244,650	1,418,901	12
Nevada.....	682,960	30,200	713,160	96
Pacific:				
Washington.....	8,997,919	19,293,680	28,291,599	32
Oregon.....	2,739,247	5,946,400	8,685,647	32
California.....	4,608,782	9,890,756	14,499,538	32
Alaska.....	89,562	21,616,893	21,706,455	0
Hawaii.....	18,887	275,000	293,887	6

Through the years there have been major changes in the distribution of ownership of hydroelectric capacity, as illustrated by the following tabulations:

Class of ownership	Installed capacity: Yearend						
	1935	1940	1945	1950	1955	1960	1963
	Millions of kilowatts						
Investor-owned utilities.....	8.4	8.5	8.9	9.7	11.3	13.4	14.2
Non-Federal public utilities.....	.8	1.0	1.4	1.5	2.4	4.4	8.4
Federal.....	2	1.7	4.6	6.5	11.3	14.6	16.9
Industrial.....	1.0	1.1	1.0	1.0	.7	.7	.7
Total, all plants.....	10.4	12.3	15.9	18.7	25.7	33.1	40.2
Investor-owned utilities..	Percentage distribution						
	81	69	56	52	44	41	35
	8	8	9	8	9	13	21
Federal.....	2	14	29	35	44	44	42
Industrial.....	9	9	6	5	3	2	2
Total, all plants.....	100	100	100	100	100	100	100

In 1935, for example, nearly all hydroelectric plants were constructed by investor-owned electric utilities, publicly-owned electric utilities, and industrial establishments, which accounted for 81 percent, 8 percent, and 9 percent, respectively, of hydroelectric installed capacity. Since that time Federal installations have increased sharply, primarily as a result of developing power at multiple-purpose projects, and by the end of 1963 accounted for 42 percent of total installed capacity. Installations by non-Federal public agencies have also increased rapidly

in recent years, up to 21 percent of total capacity at the end of 1963. On the other hand, the proportion of total installed hydroelectric capacity owned by investor-owned utilities dropped to 35 percent and that of industrial plants to 2 percent.

In the design, construction, and operation of hydroelectric projects, several important trends have emerged. The rapid rate of load growth, which results in roughly a doubling of load every 10 years and the increasing rate of constructing very large steam-electric units, which are most efficient when operated at or near design ratings, combine to require the construction of substantial amounts of peaking capacity. Because of their adaptability for such use, new hydroelectric plants are being constructed with larger installations primarily for peaking operation.

With the trend toward larger installations at hydroelectric plants, there is also a trend toward larger unit sizes. Generally, unit investment and operating costs for powerplant, waterways, and equipment can be decreased through the installation of larger sized units.

Economies in hydroelectric project development are also being realized through improvements in the design and construction of dams and by advances in the techniques and equipment used in tunneling and underground excavation. Under suitable conditions, underground powerhouses are proving to be economical and satisfactory. Many new plants and some existing plants are being equipped for remote control to reduce operating costs.

Increasing attention is being given to the use of new designs for hydraulic turbines which offer possibilities for developing economically the power potential of sites with heads in the range of 15 to 35 feet. These designs provide for horizontal axial-flow turbines either of the bulb type or the tubular type.

DEVELOPED HYDROELECTRIC POWER

Data on the installed capacity and production of electric energy of existing hydroelectric plants in the United States are furnished in reports received by the Commission from privately-owned, publicly-owned, and cooperatively-owned electric utilities, and from industrial establishments. The publicly-owned utility group includes municipal electric utilities,

power and irrigation districts, State power authorities, and Federal agencies. The data in the following tables of developed power cover 1,602 generating plants of 100 kilowatts or more of installed capacity, comprising 1,265 plants of the privately-owned, publicly-owned, and cooperatively-owned utilities, and 337 plants of industrial establishments.

As of January 1, 1964, the aggregate installed capacity of hydroelectric plants was 40,230,000 kilowatts. The estimated average annual generation on the basis of this installed capacity was 201.9 billion kilowatt-hours. Of this amount, 39,494,000 kilowatts with a corresponding estimated averaged annual generation of 198.5 billion kilowatt-hours was in electric utility plants. The remaining 736,000 kilowatts with a corresponding estimated average annual generation of 3.4 billion kilowatt-hours was in industrial plants.

Tables of Developed Power

Table 1 (see pp. 2 and 3) summarizes by major drainages and river basins the developed hydroelectric power in the United States, showing for each major drainage and river basin the aggregate installed capacity and estimated average annual generation of plants listed individually in table 2. In several instances, groups of less important river basins have been combined under the heading, "Minor River Basins."

Table 2 (see pp. 4 to 30) lists individually, by river basins or groups of minor river basins, within major drainages, all existing hydroelectric plants in the United States having a reported nameplate capacity of 100 kilowatts or more. For each river basin the plants are arranged according to their physical location in the river system, starting with the plant farthest downstream and continuing upstream, with plants on each tributary stream being listed in order of location as each tributary is reached.

Table 3 (see p. 31) summarizes by geographic divisions and States the developed hydroelectric power in the United States, showing for each geographic division and State the aggregate installed capacity and estimated average annual generation of plants listed in table 4.

Table 4 (see pp. 32 to 58) shows the same data on individual plants as contained in table

2, but arranged by States within geographic divisions. Within each State the plants are listed in the same river basin order as in table 2, starting with the plant farthest downstream and continuing upstream.

Both tables 2 and 4 show for each plant the class of ownership, name of owner, name of plant, river and State locations, installed capacity, estimated average annual generation, usable power storage capacity, and gross static head. This information was obtained primarily from reports submitted to the Federal Power Commission. Plants under Federal Power Commission license are indicated by the symbol (†).

Plants with capacity located in two States are indicated by the symbol (§). In both the river basin listing and in the State listing, such projects are listed twice, with the capacity and generation divided between the States as shown. The total usable power storage capacity and gross static head of each project are shown for each dual entry in both listings.

Table 5 summarizes by geographic divisions and States the total capacity and average annual generation, separately for utility and industrial plants. (See p. 59.)

The capacities shown in tables 1 through 5 are the total installed capacities in main generating units. All plants having auxiliary units are also listed in table 6 (see p. 60) which shows main generating, auxiliary, and total capacity. In that table the plants are alphabetically arranged within each State according to the names of the owners.

The information shown in the tables for average annual generation is a compilation of estimates made by plant owners of the expected annual energy production with average water conditions in the rivers and streams. The actual generation in any year varies according to the water conditions. The total actual energy production of plants in operation during 1963 was 166 billion kilowatt-hours.

UNDEVELOPED HYDROELECTRIC POWER

The Commission assembles data and makes estimates concerning the undeveloped hydroelectric power resources of the principal river basins of the country. The Commission's comprehensive river basin surveys, made in

connection with its licensing work and in cooperation with other Federal agencies, and the information obtained from investigations made by other Federal agencies and by other interests, public and private, provide the basis for the inventory of undeveloped hydroelectric power resources presented in this report. The information obtained from these sources, having varying degrees of assuredness, is adjusted or amended as necessary based on review and analysis by the Commission staff. The Commission's estimates are based on the rated capacity of generators that normally would be installed at the powersites, assuming reasonable regulation of flow by storage. Allowance is made for depletions by irrigation and other consumptive use, and it is assumed that each site will be developed to achieve, in conjunction with the development of other sites, the best overall development of the water resources of the river basin for power and other multiple uses. The estimates of generation represent average annual generation of energy at these hydroelectric developments, assuming average water conditions at project sites. Projects with proposed installations of less than 5,000 kilowatts are generally not included in the undeveloped inventory.

The estimates of undeveloped waterpower include projects on which both engineering and economic feasibility have been demonstrated, as well as projects at sites where physical conditions indicate engineering feasibility and promise of economic feasibility at some time. The estimates are subject to revision either by increase or decrease as additional information becomes available concerning streamflow, reservoir sites, costs, and other pertinent factors.

The undeveloped hydroelectric power picture is constantly changing as new projects are constructed, and as continuing studies by Federal, State, and local public, and private interests uncover new potential projects, or their investigations demonstrate the desirability of modifications of older plans. As new studies are made and additional information is obtained, the inventory of undeveloped hydroelectric power projects is revised. Some of these potential projects may, upon detailed investigation, be found infeasible or impracticable of development from physical, economic, or other standpoints. However, the estimate taken in the aggregate serves to indicate, from

a long-range view, the overall waterpower potentialities of the United States and the waterpower resources available for possible future development.

The present estimate of undeveloped hydroelectric power in the United States is 115.8 million kilowatts, with a corresponding average annual generation of about 446 billion kilowatt-hours. This estimate includes approximately 10.9 million kilowatts now under construction and scheduled for completion during the next few years.

Many developed powersites have been studied with the view to possible redevelopment at some future time to provide for increased installation and generation. Such potential redevelopments are included in the undeveloped list with the capacity and generation figures that would apply after completion of the redevelopment. Immediately following such listings are shown the plants that would be replaced, designated by the letter "R," with their capacity and generation shown as negative amounts.

In many cases it will be possible at some future time to install additional capacity at an existing plant, either as provided for in the original design or by modifying the plant. This additional capacity and corresponding incremental generation, designated by the letter "A," are included in the listing of undeveloped sites.

Tables of Undeveloped Power

Table 7 (see pp. 62 and 63) summarizes by major drainages and river basins the estimated undeveloped hydroelectric power in the United States, showing for each major drainage and river basin the estimated aggregate installed capacity and corresponding average annual generation of sites listed in table 8. In several instances, groups of less important river basins have been combined under the heading, "Minor River Basins."

Table 8 (see pp. 64 to 102) lists, by river basins or groups of minor river basins, within major drainages, the individual undeveloped powersites in the United States having potential installations of generally not less than 5,000 kilowatts. For each river basin the sites are arranged according to their physical location in the river system, starting with the site farthest

downstream and continuing upstream, with the sites on each tributary stream being listed in order of location as each tributary is reached.

Table 9 (see p. 103) summarizes by geographic divisions and States the estimated undeveloped hydroelectric power in the United States, showing for each geographic division and State the estimated aggregate installed capacity and corresponding average annual generation of sites listed in table 10.

Table 10 (see pp. 104 to 140) shows the same data for individual sites as contained in table 8, but arranged by States within geographic divisions. Within each State the sites are listed in the same river basin order as in table 8, starting with the site farthest downstream and continuing upstream.

Both tables 8 and 10 show for each site the name of the site or project, river and State locations, estimated installed capacity, estimated average annual generation, usable power storage capacity, and gross static head. The site names or designations are those given in the reports used as sources of information for the data. There are reaches of some rivers having potential power not yet developed where no specific sites have been selected. In these cases the aggregate undeveloped power between selected points on the river is shown in the list as a block of power between those points. Such blocks are designated by the letter "B." Several reaches of the Missouri River have been treated in this manner and similar treatment has been given to blocks of undeveloped power on the Yellowstone River in Montana. Except for one identified site, the entire undeveloped potential of Hawaii is shown in this manner.

Undeveloped powersites in reaches of rivers which form the boundary between two States are shown in each State, with the installed capacity and average annual generation being divided equally between the adjoining States unless definite construction plans indicate otherwise. In both the river basin listing and in the State listing, the projects are listed twice and the capacity and generation are apportioned one-half to each State. In such cases the sites listed in the tables are indicated by the symbol (§). The total usable power storage capacity and gross static head at each site are shown for each dual entry in both listings.

HYDROELECTRIC PLANTS UNDER FEDERAL POWER COMMISSION LICENSE

Pursuant to its authority under part I of the Federal Power Act, the Federal Power Commission issues licenses to citizens, corporations, States, and municipalities authorizing the construction, operation, and maintenance of water-power projects on Government lands and on streams over which the Congress has jurisdiction. The Commission may also issue licenses to such non-Federal interests for the purpose of utilizing surplus water or waterpower from a Government dam. An important provision of the Federal Power Act is the requirement that each project to be licensed shall, in the judgment of the Commission, be best adapted to a comprehensive plan for the development and utilization of the water resources of the river basin.

Table 11 shows all licensed plants in operation, under construction, and authorized for future construction as of January 1, 1964. The plants are listed by FPC licensed project number. The table shows for each plant the project number, name of licensee, plant name, river, State, usable power storage capacity, and installed capacity constructed, under construction, and ultimate planned. (See pp. 143 to 148.)

The table shows 366 constructed hydroelectric plants of 100 kilowatts or more capacity under Federal Power Commission license as of January 1, 1964, with a total installation of 17,739,813 kilowatts. These licensed plants comprise 271 private utility plants, 61 non-Federal publicly-owned plants, 10 cooperatively-owned plants, and 24 industrial powerplants. The plants are located in 37 States, with Washington having the largest aggregate installed capacity, totaling 4,144,143 kilowatts. Next in total amount is California, with 2,844,827 kilowatts.

New capacity under construction on January 1, 1964, would add 4,645,905 kilowatts, making a total licensed installation of 22,385,718 kilowatts. This new capacity comprises 355,105 kilowatts under construction at 3 partially installed plants already in operation and 4,290,800 kilowatts of initial capacity at 30 new plants under construction. Twelve projects licensed by the Federal Power Commission to

include power were not yet under construction as of January 1, 1964. The planned ultimate installations at these 12 plants total 321,628 kilowatts. Planned future additions to 59 of the existing and under construction plants total 4,529,888 kilowatts.

The ultimate planned capacities at the 408 presently licensed plants total 27,237,234 kilowatts, as summarized in the following tabulation:

Stage of development	Kilowatts
Capacity in operation	17,739,813
Capacity under construction	4,645,905
Other licensed capacity	4,851,516
Total capacity under license	27,237,234

Summary Tables A and B show the licensed capacity for each major drainage and geographic division.

Map 1 shows the locations of hydroelectric plants under FPC licenses with installations of 10,000 kilowatts or more. (See p. 149.)

FEDERAL HYDROELECTRIC PLANTS

The installed capacity of Federal hydroelectric plants in the United States as of January 1, 1964, totaled 16,856,272 kilowatts, capable of producing on the average about 85.3 billion kilowatt-hours annually. The planned ultimate installations of these plants total 19,388,172 kilowatts.

Table 12 lists the Federal hydroelectric plants in operation, under construction, and authorized as of January 1, 1964, grouped by Federal agencies. The table shows for each plant the map location number, the plant name, the river and State locations, the year of initial operation, the gross static head, the usable power storage capacity, and the installed capacity constructed, under construction, and ultimate authorized. (See pp. 151 to 154).

The Federal agencies operating hydroelectric plants, together with the total capacity installed in each agency's plants at the end of 1963, are:

Federal agency	Total developed capacity (kw)
Corps of Engineers	8,399,152
Bureau of Reclamation	5,467,100
Tennessee Valley Authority	2,941,400
International Boundary and Water Commission	31,500
Bureau of Indian Affairs	13,720
National Park Service	3,400
Total	16,856,272

The 124 Federal hydroelectric plants are located in 29 States and the District of Columbia, with Washington having the largest aggregate installation, totaling 4,384,410 kilowatts. Oregon and Tennessee are next in order with installed capacities of 1,797,400 and 1,749,700 kilowatts, respectively.

New capacity under construction on January 1, 1964, would add 6,174,700 kilowatts, making a total Federal hydroelectric installation of 23,030,972 kilowatts. This new capacity comprises 44,500 kilowatts under construction at 2 partially installed plants which are already in operation, and 6,130,200 kilowatts of initial capacity at 31 new plants under construction.

Fifty-four dam and reservoir projects have been authorized for power but were not yet under construction. The planned ultimate installations at all Federal plants total 32,420,507 kilowatts, as summarized in the following tabulation:

Stage of development	Kilowatts
Capacity in operation.....	16,856,272
Capacity under construction.....	6,174,700
Other authorized capacity.....	9,389,535
Total authorized capacity.....	32,420,507

Summary Tables A and B show the Federal capacity for each major drainage and geographic division.

Map 2 shows the locations of Federal hydroelectric plants in operation, under construction, and authorized. (See p. 155.)

LARGE HYDROELECTRIC PLANTS

Table 13 lists both existing plants and plants under construction which will have planned ultimate installations of 100,000 kilowatts or more. Shown for each plant are the existing capacity, the capacity under construction, the planned ultimate capacity, and the average annual generation corresponding to the ultimate installation. (See pp. 157 to 159.)

The table lists 133 plants with planned ultimate installations totaling approximately 50.0 million kilowatts. The existing installations total 27.4 million kilowatts at the 102 plants now in operation.

Approximately 9.3 million kilowatts of capacity were under construction on January 1, 1964, at 34 plants of 100,000 kilowatts or more ultimate capacity. This new capacity comprises 341,605 kilowatts being added to 3 partially installed plants which are already in operation, and 8,938,075 kilowatts of initial capacity at 31 new plants under construction.

The following tabulation shows those plants existing or under construction which will have ultimate installations of 1 million kilowatts or more:

Plant	River	Owner	Installed capacity (1,000 kw)		
			Existing	Under construction	Planned ultimate
Grand Coulee.....	Columbia.....	Bureau of Reclamation.....	1,944	0	5,544
John Day.....	do.....	Corps of Engineers.....	0	1,350	2,700
Niagara 1.....	Niagara.....	Power Authority, State of New York.....	1,954	0	1,954
The Dalles.....	Columbia.....	Corps of Engineers.....	1,119	0	1,743
Chief Joseph.....	do.....	do.....	1,024	0	1,728
McNary.....	do.....	do.....	980	0	1,400
Hoover.....	Colorado.....	Bureau of Reclamation.....	1,340	0	1,340
Wanapum.....	Columbia.....	Grant County PUD No. 2.....	748	83	1,330
Priest Rapids.....	do.....	do.....	758	0	1,262
Rocky Reach.....	do.....	Chelan County PUD No. 1.....	712	0	1,118
Total.....			10,609	1,433	20,119

¹ Also included in the development at this site is a second power plant with 240,000 kilowatts in reversible units.

PUMPED STORAGE PROJECTS

The rapid growth in powerloads and the increasing need for peaking capacity have brought about a trend toward greater use of pumped storage capacity in recent years. The development of reversible equipment that can be used for both pumping and generating has resulted

in economies of development which have accelerated this trend.

Pumped storage plants generate electric energy during system peakload periods by hydroelectric units driven by water from a headwater pool. During off peak periods, energy from other sources, usually from steam-

electric plants, is used to pump water from a lower pool back to the headwater pool. For every 2 kilowatt-hours of energy generated, approximately 3 kilowatt-hours of energy are required for pumping. Pumped storage generating plants have many of the favorable characteristics of conventional hydroelectric plants for peaking and reserve use.

Pumped storage installations can be divided into two general categories: those in which pumped storage facilities are added to a conventional hydroelectric installation, and those which are exclusively pumped storage and generate power by recirculating the water between a lower and a higher reservoir. Within these broad categories, pumped storage installations vary widely in design and manner of operation.

As of January 1, 1964, five pumped storage installations combined with conventional developments were in operation, and four more were under construction. The total pumped storage capacity of these nine projects was in excess of 800,000 kilowatts, as shown in the following tabulation:

Name of project	River	State	Installed capacity (1,000 kw)	
			In pumping units	Total
In operation:				
Rocky River.....	Rocky.....	Connecticut.....	7.0	31.0
Flatiron.....	Big Thompson.....	Colorado.....	8.5	71.5
Buchanan.....	Colorado (Tex.).....	Texas.....	12.5	33.8
Hiwassee.....	Hiwassee.....	North Carolina.....	59.5	117.1
Niagara.....	Niagara.....	New York.....	240.0	2,193.9
Subtotal.....			327.5	2,447.3
Under construction:				
Smith Mountain.....	Roanoke.....	Virginia.....	132.1	432.2
DeGray.....	Caddo.....	Arkansas.....	28.0	68.0
Thermalito.....	Feather.....	California.....	60.2	92.0
Oroville.....	do.....	do.....	261.0	612.0
Subtotal.....			481.3	1,204.2
Total.....			808.8	3,651.5

One pure pumped storage project was in operation on January 1, 1964, and two others were under construction. As shown in the following tabulation, the total installed capac-

ity of these three plants will amount to over 1,100,000 kilowatts.

Name of project	River	State	Installed capacity (1,000 kw)
In operation: Taum Sauk.....	East Fork Black.....	Missouri.....	350
Under construction: Yards Creek.....	Yards Creek.....	New Jersey.....	338
San Luis.....	San Luis Creek.....	California.....	424
Total.....			1,112

In addition to the projects listed above, a substantial number of pumped storage developments were under active consideration on January 1, 1964. Among such developments are Cornwall (1,800,000 kilowatts) on the Hudson River, N.Y.; Muddy Run (800,000 kilowatts) on the Susquehanna River, Pa.; and Cabin Creek (225,000 kilowatts) in Colorado. These projects would be developed by non-Federal interests under Federal Power Commission licenses. Consideration is also being given by the Corps of Engineers to two projects, White Oak and Petit Jean, on the Arkansas River, Ark.

The Department of the Interior is giving consideration to the possible development of a 500,000-kilowatt Passamaquoddy tidal project with the use of reversible-type units. This development is discussed here and not listed in the tables of conventional hydroelectric developments because of the proposed use of reversible units.

Numerous other pumped storage possibilities exist and can be considered when the need for the capacity arises. Because the sizes of installations and the amounts of generation at pumped storage projects are dependent primarily on load requirements rather than the physical conditions of sites, no attempt has been made to prepare an inventory of potential developments.

As stated in the preface, the principal listings and summaries of developed and undeveloped hydroelectric power given in this report do not include pumped storage capacity.

TABLES OF
DEVELOPED
HYDROELECTRIC
POWER

TABLE 1 - INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF EXISTING HYDROELECTRIC PLANTS - JANUARY 1, 1964

Totals by Major Drainages and River Basins

<u>Drainage and river basin</u>	<u>Installed capacity kw</u>	<u>Avg. annual generation 1000 kwh</u>	<u>Drainage and river basin</u>	<u>Installed capacity kw</u>	<u>Avg. annual generation 1000 kwh</u>
United States	40,230,291	201,918,565			
Hudson Bay	14,325	69,200	Great Lakes-St. Lawrence (Contd)		
Great Lakes-St. Lawrence	4,041,797	24,861,300	Lake Superior		
North Atlantic	2,499,630	10,715,270	Sturgeon	2,200	9,500
South Atlantic	2,771,340	6,816,150	Ontonagon	12,000	68,000
Eastern Gulf	1,339,213	4,798,800	St. Louis	88,860	430,800
Western Gulf	345,618	1,046,700	Minor Basins	27,596	132,900
Lower Mississippi River	1,031,610	2,785,900	Total-Lake Superior	130,656	641,200
Upper Mississippi River	609,427	3,125,825			
Ohio River	4,563,292	19,582,700	North Atlantic		
Missouri River	2,618,826	12,200,000	St. John	2,300	5,300
Great Basin	483,821	1,720,200	St. Croix	12,052	55,500
North Pacific	13,589,081	85,851,700	Penobscot	109,277	603,600
South Pacific	4,219,367	20,407,300	Kennebec	209,505	885,200
Colorado River	1,994,495	7,503,380	Androscoggin	140,365	869,400
Alaska	89,562	328,540	Saco	46,065	266,700
Hawaii	18,887	105,600	Merrimack	83,914	334,410
			Connecticut	655,285	2,131,080
Hudson Bay			Housatonic	114,191	325,500
Red	4,125	22,200	Hudson	406,271	1,818,000
Rainy	10,200	47,000	Delaware	67,164	152,700
			Susquehanna	586,380	2,967,100
Great Lakes-St. Lawrence			Potomac	14,502	74,200
St. Lawrence			Rappahannock	3,150	21,000
Clyde	7,400	22,400	Minor Basins	49,209	205,580
Lake Champlain	119,271	529,500			
Chateaugay	720	5,200	South Atlantic		
Salmon	4,350	30,800	James	50,040	205,800
St. Regis	7,625	45,300	Roanoke	521,319	1,181,000
Raquette	165,435	825,900	Cape Fear	4,410	11,100
Grass	1,200	9,000	Yadkin-Pee Dee	263,117	977,500
St. Lawrence (Main)	912,000	6,500,000	Santee	1,121,531	2,473,000
Oswegatchie	37,223	158,500	Savannah	739,829	1,696,450
Total-St. Lawrence	1,255,224	8,126,600	Altamaha	65,522	251,900
Lake Ontario			Minor Basins	5,572	19,400
Black	100,080	521,100			
Salmon	31,450	102,700	Eastern Gulf		
Oswego	54,817	244,100	Apalachicola	471,580	1,975,400
Genesee	49,390	219,700	Tombigbee	202,625	397,000
Oak Orchard	6,500	24,500	Alabama-Coosa	643,875	2,357,200
Niagara	1,953,900	13,000,000	Minor Basins	21,133	69,200
Barge Canal	4,687	24,000			
Total-Lake Ontario	2,200,824	14,136,100	Western Gulf		
Lake Erie			Brazos	52,500	172,000
Cattaraugus	500	2,000	Colorado, Texas	202,250	558,000
Minor Basins	4,099	14,400	Rio Grande	71,180	252,600
Total-Lake Erie	4,599	16,400	Minor Basins	19,688	64,100
Lake Huron					
Saginaw	11,010	23,800	Lower Mississippi River		
Au Sable	41,000	138,900	Red	227,300	591,400
St. Marys	64,670	431,200	Arkansas	177,270	654,400
Minor Basins	11,585	37,000	White	627,040	1,540,100
Total-Lake Huron	128,265	630,900			
Lake Michigan			Upper Mississippi River		
Manistee	38,000	99,000	Mississippi (Main)	199,462	1,264,800
Grand	13,498	46,400	Illinois	25,604	108,000
Kalamazoo	7,819	36,000	Des Moines	3,800	17,500
St. Joseph	29,434	117,100	Iowa	4,532	14,350
Fox	31,397	175,000	Rock	11,061	54,000
Menominee	105,864	529,100	Wisconsin	147,989	761,375
Minor Basins	96,217	307,500	Chippewa	162,493	665,600
Total-Lake Michigan	322,229	1,310,100	Minor Basins	54,486	240,200

TABLE 1 (Contd) - INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF EXISTING HYDROELECTRIC PLANTS - JANUARY 1, 1964

Totals by Major Drainages and River Basins

<i>Drainage and river basin</i>	<i>Installed capacity kw</i>	<i>Avg. annual generation 1000 kwh</i>	<i>Drainage and river basin</i>	<i>Installed capacity kw</i>	<i>Avg. annual generation 1000 kwh</i>
Ohio River			North Pacific (Contd)		
Ohio (Main)	80,320	369,000	Umpqua	186,000	894,000
Tennessee	3,445,695	15,663,000	Rogue	67,073	465,200
Cumberland	626,860	2,075,000			
Wabash	17,720	60,000	South Pacific		
Kentucky	30,297	76,000	Klamath	155,660	804,400
Kanawha	259,800	1,085,500	Russian	9,040	61,000
Beaver	200	800	Sacramento		
Monongahela	70,400	166,200	Sacramento (Main)	450,000	2,066,800
Allegheny	28,800	73,900	American	429,227	1,780,200
Minor Basins	3,200	13,300	Feather	877,450	3,920,000
			Clear Creek	134,000	440,000
Missouri River			Pit	368,790	1,966,300
Missouri (Main)	1,878,800	9,379,000	Minor Basins	59,490	368,100
Osage	176,600	460,000	Total Sacramento	2,318,957	10,541,400
Kansas	4,968	18,200	San Joaquin		
Platte	492,042	1,957,700	San Joaquin (Main)	412,440	2,354,100
Niobrara	3,820	13,100	Mukelumne	207,750	1,044,600
Yellowstone	38,200	236,300	Stanislaus	199,890	969,500
Madison	9,000	73,000	Tuolumne	239,490	1,338,000
Minor Basins	15,396	62,700	Merced	36,690	155,700
			Willow	20,340	130,600
Great Basin			Big Creek	214,750	1,410,000
Truckee	8,700	67,500	Total San Joaquin	1,331,350	7,402,500
Carson Lake	3,200	22,000	Kings	307,300	918,800
Mono Lake	20,800	77,600	Kern	65,680	484,200
Owens	260,605	1,002,950	Minor Basins	31,380	195,000
Great Salt Lake	182,426	510,400			
Minor Basins	8,090	39,750	Colorado River		
North Pacific			Colorado (Main)	1,702,400	6,343,600
Skagit	816,340	3,108,300	Gila	87,490	298,100
Snohomish	41,690	273,600	All American Canal	67,400	279,000
Puyallup	95,500	494,500	Virgin	3,390	13,200
Nisqually	123,800	640,800	San Juan	8,200	22,000
Hood Canal	124,200	330,000	Green	74,500	335,000
Minor Basins	48,606	243,900	Gunnison	1,832	12,500
Columbia			Minor Basins	49,283	199,980
Columbia (Main)	8,045,675	57,160,600			
Cowlitz	120,000	739,000	Alaska		
Lewis	517,000	1,950,400	Yukon	5,625	17,800
Willamette	570,804	2,375,300	Taiya	300	1,000
Sandy	21,000	141,000	Chichagof	1,300	6,000
Little White Salmon	9,600	95,200	Baranof Island	6,900	36,500
Deschutes	112,360	425,800	Kupreanof	2,400	6,000
Snake	1,362,165	8,650,400	Revillagigedo Island	8,200	36,000
Yakima	34,380	191,100	Minor Basins	64,837	225,240
Wenatchee	318	300			
Chelan	48,000	403,300	Hawaii		
Spokane	146,350	1,036,000	Hawaii Island	10,771	62,900
Pend Oreille	1,088,170	6,158,900	Kauai Island	8,116	42,700
Minor Basins	10,050	74,100			
Total - Columbia	12,085,872	79,401,400			

**TABLE 2 - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1964**

By Major Drainages and River Basins

CLASS	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	HUDSON BAY MAJOR DRAINAGE							
P	RED RIVER BASIN							
M	OTTER TAIL POWER CO	CROOKSTON	RED LAKE	MINN	175	900	NA	12
P	THIEF RIV FALLS W L DEPT	THIEF RIVER FALLS	RED LAKE	MINN	500	3 000	NA	10
P	OTTER TAIL POWER CO	DAYTON HOLLOW	OTTER TAIL	MINN	970	6 000	NA	37
P	OTTER TAIL POWER CO	PRISGAH	OTTER TAIL	MINN	520	3 600	NA	30
P	OTTER TAIL POWER CO	WRIGHT	OTTER TAIL	MINN	400	2 800	NA	24
P	OTTER TAIL POWER CO	HOOT LAKE	OTTER TAIL	MINN	1 000	2 500	NA	70
P	OTTER TAIL POWER CO	FRIBERG	OTTER TAIL	MINN	560	3 400	NA	40
					4 125	22 700		
	RAINY RIVER BASIN							
C	MINNKOTA PWR COOP INC	TBIG FALLS	BIG FORK	MINN	600	3 000	NA	35
I	MINNESOTA ONTARIO PAPER C	INTERNATIONAL FLS	RAIR	MINN	5 600	25 000	1 325	36
P	MINNESOTA POWER AND LT CO	WINTON	KAWISHIWI	MINN	4 000	19 000	8	67
					10 200	47 000		
	HUDSON BAY MAJOR DRAINAGE TOTAL				14 325	69 200		
	GREAT LAKES ST LAWRENCE MAJOR DRAINAGE							
	ST LAWRENCE RIVER DRAINAGE							
P	CLYDE RIVER BASIN							
P	CITIZENS UTILITIES CO	NEWPORT 11	CLYDE	VT	1 600	5 000	NA	55
P	CITIZENS UTILITIES CO	NEWPORT 1 2 & 3	CLYDE	VT	3 600	12 000	U	137
P	CITIZENS UTILITIES CO	W CHARLESTON	CLYDE	VT	800	2 600	U	57
P	BARTON VILLAGE ELEC DEPT	WEST CHARLESTON	CLYDE	VT	1 400	2 800	NA	78
					7 400	22 400		
	LAKE CHAMPLAIN BASIN							
M	SWANTON VILLAGE OF	HIGHGATE FALLS	MISSISSQUOI	VT	4 600	21 000	NA	59
I	STANDARD PACKAGING CORP	SHELDON SPRINGS	MISSISSQUOI	VT	1 750	7 000	NA	79
M	ENOSBURG FALLS VILLAGE OF	VILLAGE	MISSISSQUOI	VT	600	1 700	U	21
I	ENOSBURG FALLS VILLAGE OF	KENDALL	MISSISSQUOI	VT	150	500	U	20
M	WEYERHAEUSER CO	NORTH TROY	MISSISSQUOI	VT	175	400	NA	60
P	CITIZENS UTILITIES CO	TROY	MISSISSQUOI	VT	600	1 200	U	60
P	CENTRAL VT PUB SERV CORP	PETERSON	LAMOILLE	VT	5 000	23 100	U	52
P	CENTRAL VT PUB SERV CORP	MILTON	LAMOILLE	VT	6 000	35 000	NA	100
P	CENTRAL VT PUB SERV CORP	CLARKS FALLS	LAMOILLE	VT	3 000	13 000	U	7
P	CENTRAL VT PUB SERV CORP	FAIRFAX	LAMOILLE	VT	2 880	16 000	NA	80
P	MORRISVILLE VILLAGE OF	CADYS FALLS NO 1	LAMOILLE	VT	1 300	3 500	NA	40
M	MORRISVILLE VILLAGE OF	MORRISVILLE NO 2	LAMOILLE	VT	1 800	5 500	NA	50
M	HARDWICK VILLAGE OF	HARDWICK	LAMOILLE	VT	700	3 000	NA	54
P	GREEN MOUNTAIN POWER CORP	GORGE NO 18	WINDOSKI	VT	3 000	15 000	U	34
P	GREEN MOUNTAIN POWER CORP	ESSEX NO 19	WINDOSKI	VT	4 800	29 000	U	55
P	GREEN MOUNTAIN POWER CORP	WATERBURY NO 22	WATERBURY	VT	5 920	17 000	36	148
P	GREEN MOUNTAIN POWER CORP	MIDDLESEX NO 2	WINDOSKI	VT	3 200	15 000	U	52
P	GREEN MOUNTAIN POWER CORP	MONTPELIER NO 4	WINDOSKI	VT	600	1 900	U	60
P	GREEN MOUNTAIN POWER CORP	MARSHFIELD NO 6	MOLLYS BROOK	VT	5 000	6 700	8	378
P	GREEN MOUNTAIN POWER CORP	VERGENNES NO 9	OTTER CR	VT	2 360	10 000	U	35
P	CENTRAL VT PUB SERV CORP	WEYBRIDGE	OTTER CR	VT	3 000	2 400	U	31
I	VERMONT MARBLE CO	HUNTINGTON FALLS	OTTER CR	VT	1 200	10 000	NA	39
P	VERMONT MARBLE CO	BELDEN	OTTER CR	VT	1 200	9 600	NA	41
P	CENTRAL VT PUB SERV CORP	LOWER MIDDLEBURY	OTTER CR	VT	2 250	9 100	U	28
P	CENTRAL VT PUB SERV CORP	UPPER MIDDLEBURY	OTTER CR	VT	180	700	U	21
P	CENTRAL VT PUB SERV CORP	EAST MIDDLEBURY	OTTER CR	VT	160	1 100	U	20
P	CENTRAL VT PUB SERV CORP	SALISBURY	LEICESTER	VT	1 300	3 700	5	160
P	CENTRAL VT PUB SERV CORP	SILVER LAKE	SILVER LAKE	VT	2 200	6 400	U	676
I	VERMONT MARBLE CO	PROCTOR	OTTER CR	VT	3 950	15 000	NA	120
I	VERMONT MARBLE CO	CENTER RUTLAND	OTTER CR	VT	275	500	NA	27
P	CENTRAL VT PUB SERV CORP	PATCH	EAST CR	VT	400	1 000	U	30
P	CENTRAL VT PUB SERV CORP	GLEN	EAST CR	VT	2 000	5 600	U	173
P	CENTRAL VT PUB SERV CORP	PITTSFORD	EAST CR	VT	3 600	8 000	18	481
P	CENTRAL VT PUB SERV CORP	CARVERS FALLS	POULTNEY	N Y	1 560	8 300	U	112
P	CENTRAL VT PUB SERV CORP	HYDEVILLE	CASTLETON CR	VT	270	600	10	40
I	INTERNATIONAL PAPER CO	TICONDEROGA NO 38	TICONDEROGA CR	N Y	2 130	11 000	84	134
P	NIAGARA MOHAWK PWR CORP	PORT HENRY	MILL BROOK	N Y	1 800	5 600	NA	380
P	GORDON H BIGELOW CO	WADHAMS NO 1	BOUQUET	N Y	464	1 200	NA	48
P	NEW YORK ST EL AND G CORP	AUSABLE	AUSABLE	N Y	2 640	15 000	14	92
P	ROGERS J AND J CO	LAU SABLE FORKS	W BR AUSABLE	N Y	1 250	4 700	NA	92
M	LAKE PLACID VILLAGE OF	LAKE PLACID	CHUBB	N Y	332	900	NA	35
I	IMPERIAL PAPER CO	PLATTSBURG	SARANAC	N Y	600	2 600	NA	22
I	VANITY FAIR PAPER MILLS	PLANT NO 1	SARANAC	N Y	2 400	10 000	NA	43
P	VANITY FAIR PAPER MILLS	PLANT NO 2	SARANAC	N Y	1 080	5 000	NA	27
P	NEW YORK ST EL AND G CORP	KENTS FALLS	SARANAC	N Y	6 400	37 500	U	161
P	NEW YORK ST EL AND G CORP	WILL C	SARANAC	N Y	2 250	12 000	U	66
P	NEW YORK ST EL AND G CORP	CADYVILLE	SARANAC	N Y	2 400	15 000	U	77
P	NEW YORK ST EL AND G CORP	HIGH FALLS	SARANAC	N Y	14 100	86 500	U	268
P	PAUL SMITHS EL L AND P CO	UNION FALLS	SARANAC	N Y	2 400	8 600	NA	61
P	PAUL SMITHS EL L AND P CO	FRANKLIN FALLS	SARANAC	N Y	2 265	6 200	NA	57
					119 271	529 500		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS 1/	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
P	CHATEAUGAY RIVER BASIN NEW YORK ST EL AND G CORP	CHATEAUGAY	CHATEAUGAY	N Y	720 720	5 200 5 200	20	88
P	SALMON RIVER BASIN NIAGARA MOHAWK PWR CORP	MACOMB	SALMON	N Y	1 000	6 800	U	53
P	NIAGARA MOHAWK PWR CORP	CHASM	SALMON	N Y	3 350 4 350	24 000 30 800	U	266
P	ST REGIS RIVER BASIN NIAGARA MOHAWK PWR CORP	HOGANSBURG	ST REGIS	N Y	700	3 100	NA	11
P	PAUL SMITHS EL L AND P CO	KEESSE MILL	ST REGIS	N Y	125	2 800	NA	11
P	NIAGARA MOHAWK PWR CORP	ALLENS FALLS	W BR ST REGIS	N Y	4 400	27 000	U	218
P	NIAGARA MOHAWK PWR CORP	PARISHVILLE	W BR ST REGIS	N Y	2 400 7 625	15 000 45 300	U	144
P	RAQUETTE RIVER BASIN NIAGARA MOHAWK PWR CORP	RAYMONDVILLE	RAQUETTE	N Y	2 000	13 000	U	19
P	NIAGARA MOHAWK PWR CORP	NORFOLK	RAQUETTE	N Y	4 500	26 000	U	41
P	NIAGARA MOHAWK PWR CORP	EAST NORFOLK	RAQUETTE	N Y	3 000	19 000	U	31
P	NIAGARA MOHAWK PWR CORP	YALEVILLE	RAQUETTE	N Y	725	3 800	U	12
P	NIAGARA MOHAWK PWR CORP	NORWOOD	RAQUETTE	N Y	2 000	13 000	U	21
I	NEKOOSA EDWARDS PAPER CO	UNIONVILLE	RAQUETTE	N Y	1 570	8 900	NA	17
I	NEKOOSA EDWARDS PAPER CO	HEWITTVILLE	RAQUETTE	N Y	1 540	8 400	NA	13
M	POTSDAM MUN ELECTRIC PLT	POTSDAM	RAQUETTE	N Y	150	1 200	NA	9
P	NIAGARA MOHAWK PWR CORP	SUGAR ISLAND	RAQUETTE	N Y	4 800	30 000	U	63
P	NIAGARA MOHAWK PWR CORP	HANNAWA	RAQUETTE	N Y	7 200	49 400	U	82
P	NIAGARA MOHAWK PWR CORP	COLTON	RAQUETTE	N Y	29 520	192 000	U	285
P	NIAGARA MOHAWK PWR CORP	HIGLEY	RAQUETTE	N Y	4 480	28 000	U	44
P	NIAGARA MOHAWK PWR CORP	†SOUTH COLTON	RAQUETTE	N Y	19 350	78 900	U	85
P	NIAGARA MOHAWK PWR CORP	†FIVE FALLS	RAQUETTE	N Y	22 500	94 600	U	104
P	NIAGARA MOHAWK PWR CORP	†RAINBOW FALLS	RAQUETTE	N Y	22 500	94 100	10	102
P	NIAGARA MOHAWK PWR CORP	†BLAKE FALLS	RAQUETTE	N Y	14 400	60 600	U	68
P	NIAGARA MOHAWK PWR CORP	†STARK	RAQUETTE	N Y	22 500	90 000	11	105
P	PAUL SMITHS EL L AND P CO	PIERCEFIELD	RAQUETTE	N Y	2 700	15 000	U	35
					165 435	825 900		
P	GRASS RIVER BASIN DEXTER HYDRO ELEC CORP	PYRITES	GRASS	N Y	1 200 1 200	9 000 9 000	U	75
M	ST LAWRENCE MAIN STREAM PWR AUTH STATE OF N Y	†ROBERT MOSES	ST LAWRENCE	N Y	912 000 912 000	6 500 000 6 500 000	30	83
P	OSWEGATCHIE RIVER BASIN NIAGARA MOHAWK PWR CORP	EEL WEIR	OSWEGATCHIE	N Y	2 700	12 000	U	12
P	NIAGARA MOHAWK PWR CORP	THERESA	INDIAN	N Y	1 615	7 400	U	66
M	THERESA MUNICIPAL LT COMM	INDIAN	INDIAN	N Y	130	300	NA	15
M	PHILADELPHIA MUN EL SYST	PHILADELPHIA	INDIAN	N Y	128	300	NA	20
P	NIAGARA MOHAWK PWR CORP	HEVELTON	OSWEGATCHIE	N Y	1 040	5 200	U	15
P	GROUVEON PAPERS CO INC	NATURAL DAM	OSWEGATCHIE	N Y	1 200	3 500	U	20
M	GOUVERNEUR VILLAGE OF	GOUVERNEUR	OSWEGATCHIE	N Y	160	2 900	NA	7
I	-INTERNATIONAL TALC CO INC	HAILESBO RO 4	OSWEGATCHIE	N Y	1 320	7 200	NA	30
I	INTERNATIONAL TALC CO INC	FOUWLER NO 7	OSWEGATCHIE	N Y	900	5 000	NA	15
I	HAMPSHIRE PAPER CO INC	EMERYVILLE	OSWEGATCHIE	N Y	1 320	8 000	U	32
P	NIAGARA MOHAWK PWR CORP	OSWEGATCHIE	E BR OSWEGATCHIE	N Y	800	6 000	U	10
P	NIAGARA MOHAWK PWR CORP	SO EDWARDS NO 2	E BR OSWEGATCHIE	N Y	2 680	20 000	U	82
P	NIAGARA MOHAWK PWR CORP	FLAT ROCK	E BR OSWEGATCHIE	N Y	6 000	17 700	U	60
P	NIAGARA MOHAWK PWR CORP	BROWNS FALLS	E BR OSWEGATCHIE	N Y	15 000	55 000	U	270
I	NEWTON FALLS PAPER MILL	KEWTON FALLS	E BR OSWEGATCHIE	N Y	2 230 37 223	12 000 158 500	NA	46
	ST LAWRENCE RIVER DRAINAGE TOTAL				1 255 224	8 126 600		
	LAKE ONTARIO DRAINAGE							
P	BLACK RIVER BASIN DEXTER HYDRO ELEC CORP	DEXTER	BLACK	N Y	1 740	7 000	U	NA
P	BEEBEE ISLAND NIAG MOHAWK	BEEBEE ISLAND	BLACK	N Y	8 000	38 500	U	33
P	NIAGARA MOHAWK PWR CORP	SEWALLS ISLAND	BLACK	N Y	2 000	12 000	U	17
P	NIAGARA MOHAWK PWR CORP	DIAMOND ISLAND	BLACK	N Y	1 200	9 100	NA	10
M	WATERTOWN MUN ELEC DEPT	WATERTOWN	BLACK	N Y	5 400	33 000	NA	27
P	NIAGARA MOHAWK PWR CORP	BLACK RIVER	BLACK	N Y	6 000	44 800	U	34
P	NIAGARA MOHAWK PWR CORP	KAMARGO	BLACK	N Y	5 400	29 100	U	26
P	NIAGARA MOHAWK PWR CORP	DEFERIET	BLACK	N Y	10 800	67 500	U	47
P	NIAGARA MOHAWK PWR CORP	HERRINGS	BLACK	N Y	5 400	25 800	U	19
I	CROWN ZELLERBACH CORP	CARTHAGE	BLACK	N Y	1 125	2 900	NA	30
I	ST REGIS PAPER CO	CARTHAGE	BLACK	N Y	525	2 900	NA	17
I	CARTHAGE PAPER MAKERS INC	CARTHAGE	BLACK	N Y	800	5 400	NA	8
I	LEWIS J P COMPANY	BEAVER FALLS	BEAVER	N Y	1 500	9 700	NA	30
P	BEAVER RIVER PWR CO	HIGH FALLS	BEAVER	N Y	4 800	34 000	NA	95
P	NIAGARA MOHAWK PWR CORP	BELFORT	BEAVER	N Y	1 800	13 000	U	48
P	NIAGARA MOHAWK PWR CORP	TAYLORVILLE	BEAVER	N Y	4 500	25 000	U	103
P	NIAGARA MOHAWK PWR CORP	ELMER FALLS	BEAVER	N Y	1 500	9 700	U	38
P	NIAGARA MOHAWK PWR CORP	EFFLEY FALLS	BEAVER	N Y	2 960	15 000	U	53
P	NIAGARA MOHAWK PWR CORP	SOFT MAPLE	BEAVER	N Y	15 000	35 200	U	126
P	NIAGARA MOHAWK PWR CORP	EAGLE FALLS	BEAVER	N Y	6 050	31 800	U	138
P	NIAGARA MOHAWK PWR CORP	MOSSHIER FALLS	BEAVER	N Y	8 000	40 900	8	212
I	GOULD PAPER CO	MILL NO 3	MOOSE	N Y	4 700	23 000	U	50
P	CATALDO ELECTRIC SERVICE	R J BAILEY	BLACK	N Y	400	2 500	NA	NA
M	CATALDO ELECTRIC SERVICE	DENLEY	BLACK	N Y	480	3 300	NA	22
					100 080	521 100		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS 1/	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
P	SALMON RIVER BASIN							
P	NIAGARA MOHAWK PWR CORP	LIGHTHOUSE HILL	SALMON	N Y	7 500	22 700	U	65
P	NIAGARA MOHAWK PWR CORP	BENNETTS BRIDGE	SALMON	N Y	23 950 31 450	80 000 102 700	54	284
P	OSWEGO RIVER BASIN							
P	NIAGARA MOHAWK PWR CORP	VARICK	OSWEGO	N Y	8 800	44 200	U	20
P	NIAGARA MOHAWK PWR CORP	HIGH DAM NO 6	OSWEGO	N Y	7 600	50 000	U	22
P	NIAGARA MOHAWK PWR CORP	MINETTO	OSWEGO	N Y	8 000	40 600	U	17
P	NIAGARA MOHAWK PWR CORP	GRANBY	OSWEGO	N Y	3 722	21 000	U	24
P	NIAGARA MOHAWK PWR CORP	RIVERSIDE	OSWEGO	N Y	800	5 300	U	23
P	NIAGARA MOHAWK PWR CORP	FULTON	OSWEGO	N Y	1 250	7 200	U	17
I	SEALRIGHT OSWEGO CORP	OSWEGO FALLS	OSWEGO	N Y	9 150	39 000	NA	18
P	NIAGARA MOHAWK PWR CORP	BALDWINVILLE	SENECA	N Y	640	3 700	NA	8
I	DUNN AND MCCARTHY INC	WOOLEN MILL	OWASCO	N Y	800	2 600	NA	21
I	DUNN AND MCCARTHY INC	AUBURN	OWASCO	N Y	700	2 300	NA	21
I	SHOE FORM CO INC	AUBURN	OWASCO	N Y	450	600	NA	16
I	DUNN AND MCCARTHY INC	SHANK PLANT	OWASCO	N Y	300	800	NA	21
P	CORNELL UNIVERSITY	NUMBER 1	FALL CR	N Y	485	5 300	NA	143
P	NEW YORK ST EL AND G CORP	SENECA FALLS	SENECA	N Y	8 000	11 500	U	50
P	NEW YORK ST EL AND G CORP	WATERLOO	SENECA CANAL	N Y	1 920	3 600	107	17
P	NEW YORK ST EL AND G CORP	KEUKA	KEUKA LAKE	N Y	2 000	6 400	6	380
					54 817	244 100		
P	GENESEE RIVER BASIN							
P	ROCHESTER GAS AND EL CORP	ROCHESTER NO 5	GENESEE	N Y	38 250	144 000	U	137
P	ROCHESTER GAS AND EL CORP	ROCHESTER NO 2	GENESEE	N Y	6 500	51 000	U	91
P	ROCHESTER GAS AND EL CORP	ROCHESTER NO 26	GENESEE	N Y	3 000	16 000	NA	25
P	ROCHESTER GAS AND EL CORP	MT MORRIS NO 160	GENESEE	N Y	340	2 900	NA	20
P	ROCHESTER GAS AND EL CORP	WISCOY NO 170	WISCOY CR	N Y	1 080	4 900	NA	104
P	ROCHESTER GAS AND EL CORP	MILLS NO 172	WISCOY CR	N Y	220	900	NA	58
					49 390	219 700		
P	OAK ORCHARD CREEK BASIN							
P	NIAGARA MOHAWK PWR CORP	WATERPORT	OAK ORCHARD CR	N Y	4 650	13 000	5	78
P	NIAGARA MOHAWK PWR CORP	GLENDWOOD	OAK ORCHARD CR	N Y	1 500	9 400	U	62
P	NIAGARA MOHAWK PWR CORP	OAK ORCHARD	BARGE CANAL	N Y	350	2 100	U	27
					6 500	24 500		
M	NIAGARA RIVER BASIN PWR AUTH STATE OF N Y	†NIAGARA	NIAGARA	N Y	1 953 900 1 953 900	13 000 000 13 000 000	60	314
P	BARGE CANAL BASIN NIAGARA MOHAWK PWR CORP	HYDRAULIC RACE	BARGE CANAL	N Y	4 687 4 687	24 000 24 000	U	50
	<u>LAKE ONTARIO DRAINAGE TOTAL</u>				<u>2 200 824</u>	<u>14 136 100</u>		
	<u>LAKE ERIE DRAINAGE</u>							
M	CATTARAUGUS CREEK BASIN SPRINGVILLE VILLAGE OF	CATTARAUGUS	CATTARAUGUS CR	N Y	500 500	2 000 2 000	NA	NA
I	MINOR RIVER BASINS							
M	VAUGHN MACHINE CO	CUYAHOGA FALLS	CUYAHOGA	OHIO	149	400	NA	11
M	FORT WAYNE LT AND PWR WKS	MAUMEE DAM	MAUMEE	IND	250	100	NA	10
M	FORT WAYNE LT AND PWR WKS	ST JOE DAM	ST JOE	IND	175	800	NA	10
P	HAYDEN FUEL AND SUPPLY CO	TECUMSEH	RAISIN	MICH	250 824	1 300 2 600	NA	21
I	HURON RIVER BASIN							
I	FORD MOTOR CO	YPSILANTI	HURON	MICH	1 875	8 500	NA	33
I	PENINSULAR PAPER CO	YPSILANTI	HURON	MICH	1 400 3 275	3 300 11 800	NA	13
	<u>LAKE ERIE DRAINAGE TOTAL</u>				<u>4 599</u>	<u>16 400</u>		
	<u>LAKE HURON DRAINAGE</u>							
M	SAGINAW RIVER BASIN							
I	ST LOUIS CITY OF	ST LOUIS	PINE	MICH	360	700	NA	10
P	HARRIS MILLING CO	MT PLEASANT	CHIPPEWA	MICH	150	7 500	NA	13
P	WOLVERINE POWER CO	SANFORD	TITTABAWASSEE	MICH	300	7 000	U	28
P	WOLVERINE POWER CO	EDENVILLE	TITTABAWASSEE	MICH	4 800	10 000	U	42
P	WOLVERINE POWER CO	SMALLWOOD	TITTABAWASSEE	MICH	1 200	2 600	U	26
P	WOLVERINE POWER CO	SECORDS	TITTABAWASSEE	MICH	1 200	3 000	U	48
					11 010	23 800		
P	AU SABLE RIVER BASIN							
P	CONSUMERS POWER CO	FOOTE	AU SABLE	MICH	9 000	29 200	U	39
P	CONSUMERS POWER CO	COOKE	AU SABLE	MICH	9 000	26 300	U	39
P	CONSUMERS POWER CO	FIVE CHANNELS	AU SABLE	MICH	6 000	24 700	U	36
P	CONSUMERS POWER CO	LOUD	AU SABLE	MICH	4 000	18 000	U	27
P	CONSUMERS POWER CO	ALCONA	AU SABLE	MICH	8 000	25 700	U	39
P	CONSUMERS POWER CO	MIO	AU SABLE	MICH	5 000	15 000	U	29
					41 000	138 900		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2 KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
P	MINOR RIVER BASINS							
P	ALPENA POWER CO	NINTH STREET	THUNDER BAY	MICH	1 200	4 400	U	18
P	ALPENA POWER CO	FOUR MILE D	THUNDER BAY	MICH	1 800	7 200	U	26
P	ALPENA POWER CO	NORWAY PT	THUNDER BAY	MICH	4 000	10 200	NA	5
P	ALPENA POWER CO	HILLMAN	THUNDER BAY	MICH	225	900	NA	16
P	CONSUMERS POWER CO	CHEBOYGAN	CHEBOYGAN	MICH	1 800	6 400	NA	14
P	CONSUMERS POWER CO	ALVERNO	BLACK	MICH	800	2 800	NA	19
M	NORTHERN MICHIGAN EL COOP	ELBER	BLACK	MICH	1 200	4 000	NA	46
M	NORTHERN MICHIGAN EL COOP	TOWER HYDRO	BLACK	MICH	560	2 100	NA	21
					11 585	37 000		
P	ST MARYS RIVER BASIN							
F	DISON SAULT ELECTRIC CO	CARBIDE	ST MARYS	MICH	46 270	270 000	U	21
	CORPS OF ENGINEERS	ST MARYS FALLS	ST MARYS	MICH	18 400	161 200	NA	23
					64 670	431 200		
	LAKE HURON DRAINAGE TOTAL				128 265	630 900		
	LAKE MICHIGAN DRAINAGE							
P	MINOR RIVER BASINS							
M	CONSUMERS POWER CO	ELK RAPIDS	ELK	MICH	1 050	2 200	NA	11
P	CHARLEVOIX CITY OF	BELLAIRE	CEDAR	MICH	375	1 400	NA	NA
M	CONSUMERS POWER CO	SABIN	BOARDMAN	MICH	1 000	2 900	NA	41
P	CONSUMERS POWER CO	BOARDMAN NO 3	BOARDMAN	MICH	2 200	6 000	NA	41
M	TRAVERSE CITY L P DEPT	KEYSTONE	BOARDMAN	MICH	500	2 300	NA	22
M	TRAVERSE CITY L P DEPT	BROWN BRIDGE	BOARDMAN	MICH	650	2 300	NA	NA
					5 775	17 100		
P	MANISTEE RIVER BASIN							
P	CONSUMERS POWER CO	C W TIPPY	MANISTEE	MICH	20 000	56 800	U	56
	CONSUMERS POWER CO	HODENPYL	MANISTEE	MICH	18 000	42 200	U	68
					38 000	99 000		
M	MINOR RIVER BASINS							
P	HART HYDRO ELEC SYSTEM	HART	PENTWATER	MICH	300	1 000	NA	NA
P	CONSUMERS POWER CO	NEWAYGO	MUSKEGON	MICH	1 880	11 000	U	18
P	CONSUMERS POWER CO	MUSKEGON	MUSKEGON	MICH	9 000	37 100	NA	41
P	CONSUMERS POWER CO	HARDY	MUSKEGON	MICH	30 000	84 500	30	100
P	CONSUMERS POWER CO	ROGERS	MUSKEGON	MICH	6 750	26 400	U	40
P	CONSUMERS POWER CO	BIG RAPIDS	MUSKEGON	MICH	400	1 800	NA	20
P	CENTRAL PLANT CO	BIG RAPIDS CENTRL	MUSKEGON	MICH	500	3 300	NA	16
					48 850	165 100		
P	GRAND RIVER BASIN							
P	CONSUMERS POWER CO	ADA	THORNAPPLE	MICH	2 000	6 700	U	22
P	CONSUMERS POWER CO	CASCADE	THORNAPPLE	MICH	2 560	8 000	NA	28
P	CONSUMERS POWER CO	LABARGE	THORNAPPLE	MICH	700	3 400	NA	19
P	MIDSTATE SERVICE CO	MIDDLEVILLE	THORNAPPLE	MICH	350	1 500	NA	NA
P	MIDSTATE SERVICE CO	IRVING	THORNAPPLE	MICH	600	2 300	NA	NA
M	LOWELL VILLAGE OF	LOWELL	FLAT	MICH	795	2 700	NA	18
P	CONSUMERS POWER CO	LOWELL	FLAT	MICH	900	5 100	U	34
P	CONSUMERS POWER CO	WEBBER	GRAND	MICH	3 250	9 100	U	26
M	PORTLAND ELECTRIC DEPT	PORTLAND	GRAND	MICH	375	2 400	U	20
M	LANSING WTR AND LT COMM	NORTH LANSING	GRAND	MICH	200	1 100	NA	9
M	LANSING WTR AND LT COMM	MOORES PARK	GRAND	MICH	1 000	2 600	NA	15
I	MILLER DAIRY FARM	EATON RAPIDS	SPRING CR	MICH	768	1 500	NA	NA
					13 498	46 400		
M	KALAMAZOO RIVER BASIN							
P	ALLEGAN CITY OF	ALLEGAN CITY	KALAMAZOO	MICH	2 550	7 000	NA	15
P	CONSUMERS POWER CO	ALLEGAN	KALAMAZOO	MICH	650	4 000	NA	12
P	CONSUMERS POWER CO	TROWBRIDGE	KALAMAZOO	MICH	1 500	9 500	U	22
P	CONSUMERS POWER CO	OTSEGO	KALAMAZOO	MICH	1 700	7 900	U	14
P	CONSUMERS POWER CO	PLAINWELL NO 1	KALAMAZOO	MICH	900	5 400	NA	13
I	HAMILTON PAPER CO MICH	PLAINWELL	KALAMAZOO	MICH	200	700	NA	10
M	MARSHALL CITY OF	MARSHALL	KALAMAZOO	MICH	319	1 500	NA	15
					7 819	36 000		
I	ST JOSEPH RIVER BASIN							
P	HAMMERMILL PAPER CO	WATERVLIT	PAW PAW	MICH	300	1 300	NA	11
P	PAW PAW VILLAGE OF	PAW PAW	W BR PAW PAW	MICH	312	800	NA	NA
P	INDIANA AND MICH ELEC CO	BERRIEN SPRINGS	ST JOSEPH	MICH	7 200	31 000	U	20
M	INDIANA AND MICH ELEC CO	BUCHANAN	ST JOSEPH	MICH	4 104	16 000	NA	13
M	NILES CITY OF	NILES	DOWAGIAC CR	MICH	460	3 300	NA	21
I	FRENCH PAPER CO	NILES	ST JOSEPH	MICH	1 300	5 500	NA	14
P	INDIANA AND MICH ELEC CO	TWIN BRANCH	ST JOSEPH	IND	7 260	22 000	U	24
P	INDIANA AND MICH ELEC CO	ELKHART	ST JOSEPH	IND	3 440	16 000	U	19
P	NORTHERN IND PUB SERV CO	BALINTERTOWN	ELKHART	IND	240	800	U	9
P	NORTHERN IND PUB SERV CO	BENTON	ELKHART	IND	320	1 200	U	19
P	MICHIGAN GAS AND EL CO	MOTTVILLE	ST JOSEPH	MICH	1 680	7 100	NA	11
P	MICHIGAN GAS AND EL CO	CONSTANTINE	ST JOSEPH	MICH	1 200	5 500	NA	11
P	RINKEL H G & SONS	GREENFIELD HILLS	FAWN	IND	152	500	NA	NA
P	MICHIGAN GAS AND EL CO	PORTAGE	PORTAGE	MICH	168	700	NA	11
M	STURGIS CITY OF	STURGIS	ST JOSEPH	MICH	880	4 100	NA	26
M	UNION CITY VILLAGE OF	RILEY	ST JOSEPH	MICH	418	1 300	NA	15
					29 434	117 100		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS /	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
I	FOX RIVER BASIN							
M	NICOLET PAPER CORP	WEST DE PERE	FOX	WIS	1 122	6 400	NA	8
M	KAUKAUNA ELEC WTR DEPT	RAPID CROCHE	FOX	WIS	2 400	13 000	U	8
M	KAUKAUNA ELEC WTR DEPT	KAUKAUNA	FOX	WIS	4 800	36 000	U	23
M	KAUKAUNA ELEC WTR DEPT	BADGER	FOX	WIS	5 600	35 000	U	22
I	COMBINED LOCKS PAPER CO	COMBINED LOCKS	FOX	WIS	2 375	10 000	NA	21
M	KAUKAUNA ELEC WTR DEPT	LITTLE CHUTE	FOX	WIS	3 300	19 000	U	13
I	KIMBERLY CLARK CORP	KIMBERLY	FOX	WIS	2 700	13 000	NA	8
I	CONSOLIDATED PAPERS INC	APPLETON	FOX	WIS	480	2 400	NA	8
I	FOX RIVER PAPER CORP	APPLETON	FOX	WIS	1 315	7 000	NA	11
I	APPLETON WOOLEN MILLS	APPLETON	FOX	WIS	100	650	NA	10
I	KIMBERLY CLARK CORP	ATLAS HILL	FOX	WIS	1 650	8 900	NA	15
P	WISCONSIN MICHIGAN PWR CO	APPLETON	FOX	WIS	1 840	9 800	U	16
I	FOREMOST DAIRIES INC	APPLETON	FOX	WIS	120	850	NA	15
I	WHITING GEORGE A PAPER CO	MENASHA	FOX	WIS	250	300	NA	8
I	BERGSTROM PAPER CO	NEENAH	FOX	WIS	400	1 100	NA	9
P	WISCONSIN MICHIGAN PWR CO	WEYAUWEGA	WAUPACA	WIS	400	900	U	13
M	GRESHAM WTR PWR AND EL PL	GRESHAM	RED	WIS	275	700	NA	32
I	SHAWANO PAPER MILLS	SHAWANO	WOLF	WIS	256	1 400	NA	10
P	WISCONSIN POWER AND LT CO	TSCHAWANO	WOLF	WIS	700	3 400	U	14
I	MENOMINEE ENTERPRISES INC	KESHENA FALLS	WOLF	WIS	340	1 700	U	37
I	MENOMINEE INDIAN MILLS	NEOPIT	W BR WOLF	WIS	108	400	NA	NA
P	WHITE RIVER POWER CO	NESHKORO	WHITE	WIS	250	1 000	NA	12
P	MILLER EVA	HARRISVILLE	MONTELLO	WIS	187	600	NA	NA
I	MONTELLO GRANITE CO	MONTELLO	MONTELLO LAKE	WIS	379	500	NA	NA
P	WISCONSIN POWER AND LT CO	OXFORD	NEENAH	WIS	125	200	U	NA
P	WESTFIELD MILL EL LT CO	WESTFIELD	DUCK CR	WIS	125	200	NA	NA
P	PIONEER PWR & LT CO	LAWRENCE	DUCK CR	WIS	200	400	NA	NA
					31 397	175 000		
	MINOR RIVER BASINS							
C	OCONTO ELECTRIC COOP	TSSTILES	OCONTO	WIS	1 000	5 000	NA	20
I	FALLS PAPER AND POWER CO	OCONTO FALLS	OCONTO	WIS	1 010	2 000	NA	39
P	WISCONSIN MICHIGAN PWR CO	OCONTO FALLS	OCONTO	WIS	1 440	5 900	U	28
P	WISCONSIN PUB SERV CORP	PESHTIGO	PESHTIGO	WIS	584	3 200	U	14
P	WISCONSIN PUB SERV CORP	POTATO RAPIDS	PESHTIGO	WIS	1 380	4 800	U	18
P	WISCONSIN PUB SERV CORP	SANDSTONE	PESHTIGO	WIS	3 840	15 000	U	43
P	WISCONSIN PUB SERV CORP	JOHNSON FALLS	PESHTIGO	WIS	3 520	14 000	U	42
P	WISCONSIN PUB SERV CORP	HIGH FALLS	PESHTIGO	WIS	7 000	15 000	U	85
P	WISCONSIN PUB SERV CORP	CALDRON FALLS	PESHTIGO	WIS	6 400	17 000	U	80
					26 174	81 900		
	MENOMINEE RIVER BASIN							
I	SCOTT PAPER CO	MENOMINEE	MENOMINEE	MICH	1 200	8 700	NA	12
P	SCOTT PAPER CO	MARINETTE	MENOMINEE	WIS	600	5 700	NA	15
P	WISCONSIN PUB SERV CORP	GRAND RAPIDS	MENOMINEE	MICH	7 020	36 500	U	28
P	WISCONSIN MICHIGAN PWR CO	WHITE RAPIDS	MENOMINEE	MICH	8 000	39 700	U	28
M	WISCONSIN MICHIGAN PWR CO	CHALK HILL	MENOMINEE	MICH	7 800	36 700	U	28
P	NORWAY CITY OF	STURGEON FALLS	MENOMINEE	MICH	3 500	22 000	NA	26
P	WISCONSIN MICHIGAN PWR CO	STURGEON RIVER	STURGEON	MICH	800	4 000	U	66
I	KIMBERLY CLARK CORP	NIAGARA WIS	MENOMINEE	MICH	5 335	35 000	NA	67
P	WISCONSIN MICHIGAN PWR CO	TBIG QUINNESEC	MENOMINEE	MICH	16 000	105 000	U	91
P	WISCONSIN MICHIGAN PWR CO	TOUINNESEC FALLS	MENOMINEE	MICH	3 530	7 000	U	62
P	WISCONSIN MICHIGAN PWR CO	TKINGSFORD	MENOMINEE	MICH	7 200	31 200	U	28
P	WISCONSIN MICHIGAN PWR CO	PINE RIVER	PINE	WIS	3 200	19 000	U	94
P	WISCONSIN MICHIGAN PWR CO	TTWIN FALLS	MENOMINEE	MICH	6 144	36 000	U	43
P	WISCONSIN MICHIGAN PWR CO	TMICHIGAMME FALLS	MICHIGAMME	MICH	9 600	40 900	U	60
P	WISCONSIN MICHIGAN PWR CO	TPEAVY FALLS	MICHIGAMME	MICH	15 000	63 200	34	94
P	WISCONSIN MICHIGAN PWR CO	THEMLOCK FALLS	MICHIGAMME	MICH	2 800	9 000	U	34
P	WISCONSIN MICHIGAN PWR CO	TWAY DAM	MICHIGAMME	MICH	1 800	10 000	U	39
P	WISCONSIN MICHIGAN PWR CO	BRULE ISLAND	BRULE	WICH	5 335	15 100	U	61
P	WISCONSIN MICHIGAN PWR CO	TLOWER PAINT	PAINT	MICH	100	600	U	22
M	CRYSTAL FALLS LT WTR DEPT	CRYSTAL FALLS	PAINT	MICH	900	3 000	NA	21
					105 864	529 100		
	MINOR RIVER BASINS							
I	MEAD CORPORATION	ESCANABA NO 1	ESCANABA	MICH	1 950	6 700	NA	24
I	MEAD CORPORATION	ESCANABA NO 2	ESCANABA	MICH	1 250	6 500	NA	30
I	MEAD CORPORATION	CHANDLER NO 3	ESCANABA	MICH	1 500	9 700	NA	28
I	MEAD CORPORATION	BONEY FALLS NO 4	ESCANABA	MICH	4 500	14 000	NA	49
I	CLEVELAND CLIFFS IRON CO	ESCANABA	ESCANABA	MICH	2 000	5 000	NA	67
I	MANISTIQUE PULP PAPER CO	MANISTIQUE	MANISTIQUE	MICH	3 238	1 300	NA	26
					15 438	43 400		
	LAKE MICHIGAN DRAINAGE TOTAL				322 229	1 310 100		
	LAKE SUPERIOR DRAINAGE							
	MINOR RIVER BASINS							
I	CLEVELAND CLIFFS IRON CO	AU TRAIN	AU TRAIN	MICH	896	5 000	10	137
I	CLEVELAND CLIFFS IRON CO	CARP	CARP	MICH	4 480	20 000	NA	608
M	MARQUETTE CITY OF	MARQUETTE NO 3	DEAD	MICH	700	3 900	NA	32
M	MARQUETTE CITY OF	MARQUETTE NO 2	DEAD	MICH	3 200	12 000	NA	132
M	MARQUETTE CITY OF	MARQUETTE NO 1	DEAD	MICH	1 700	700	NA	90
I	CLEVELAND CLIFFS IRON CO	MC CLURE	DEAD	MICH	8 000	48 300	U	424
I	CLEVELAND CLIFFS IRON CO	HOIST	DEAD	MICH	4 400	15 000	55	148
M	L ANSE VILLAGE OF	L ANSE	FALLS	MICH	100	500	NA	NA
					22 776	105 400		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS	NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
P	STURGEON RIVER BASIN UPPER PENINSULA PWR CO	PRICKETT	STURGEON	MICH	2 200 2 200	9 500 9 500	7	54
P	ONTONAGON RIVER BASIN UPPER PENINSULA PWR CO	VICTORIA	W BR ONTONAGON	MICH	12 000 12 000	68 000 68 000	NA	218
P	MINOR RIVER BASINS							
P	LAKE SUPERIOR DIST PWR CO	SUPERIOR FALLS	MONTREAL	MICH	1 320	8 800	U	137
P	LAKE SUPERIOR DIST PWR CO	SAXON	MONTREAL	MICH	1 250	9 400	U	145
P	LAKE SUPERIOR DIST PWR CO	WHITE RIVER	WHITE	WIS	1 000	4 900	NA	50
P	LAKE SUPERIOR DIST PWR CO	MELLEN	BAD	WIS	450	1 400	NA	80
P	LAKE SUPERIOR DIST PWR CO	ORIENTA FALLS	IRON	WIS	800 4 820	3 000 27 500	U	55
P	ST LOUIS RIVER BASIN							
P	MINNESOTA POWER AND LT CO	FOND DU LAC	ST LOUIS	MINN	12 000	63 300	U	78
P	MINNESOTA POWER AND LT CO	THOMSON	ST LOUIS	MINN	67 350	318 000	U	374
P	MINNESOTA POWER AND LT CO	SCANLON	ST LOUIS	MINN	1 600	9 500	U	15
I	NORTHWEST PAPER CO	CLOQUET	ST LOUIS	MINN	5 510	28 000	NA	40
P	MINNESOTA POWER AND LT CO	KNIFE FALLS	ST LOUIS	MINN	2 400 88 860	12 000 430 800	U	18
LAKE SUPERIOR DRAINAGE TOTAL					130 654	641 200		
GREAT LAKES-ST LAWRENCE MAJOR DRAINAGE TOTAL					4 041 797	24 861 300		
NORTH ATLANTIC MAJOR DRAINAGE								
P	ST JOHN RIVER BASIN							
P	MAINE PUBLIC SERVICE CO	CARIBOU	AROOSTOOK	MAINE	800	4 500	NA	12
P	MAINE PUBLIC SERVICE CO	SQUA PAN	SQUA PAN STREAM	MAINE	1 500 2 300	800 5 300	59	30
I	ST CROIX RIVER BASIN							
I	ST CROIX PAPER CO	WOODLAND	ST CROIX	MAINE	2 400	7 500	NA	48
I	ST CROIX PAPER CO	GRAND FALLS	ST CROIX	MAINE	9 652 12 052	48 000 55 500	87	52
P	MINOR RIVER BASINS							
P	BANGOR HYDRO ELECTRIC CO	MACHIAS	MACHIAS	MAINE	350	1 700	NA	25
P	BANGOR HYDRO ELECTRIC CO	ELLSWORTH	UNION	MAINE	8 900 9 250	33 500 34 200	U	60
P	PENOBSCOT RIVER BASIN							
P	CENTRAL MAINE POWER CO	EAST ORLAND	TODDY	MAINE	500	1 900	U	125
P	BANGOR CITY ELECTRIC & DEPT	BANGOR CITY	PENOBSCOT	MAINE	650	3 700	U	20
P	BANGOR HYDRO ELECTRIC CO	VEAZIE	PENOBSCOT	MAINE	8 400	54 000	U	17
P	BANGOR HYDRO ELECTRIC CO	ORONO	STILLWATER	MAINE	2 332	10 000	U	25
P	BANGOR HYDRO ELECTRIC CO	STILLWATER	STILLWATER	MAINE	1 950	7 500	U	20
P	PENOBSCOT CHEM FIBRE CO	GREAT WORKS	PENOBSCOT	MAINE	5 554	31 000	NA	18
I	BANGOR HYDRO ELECTRIC CO	MILFORD	PENOBSCOT	MAINE	6 400	49 500	U	18
P	BANGOR HYDRO ELECTRIC CO	HOWLAND	PISCATAQUIS	MAINE	1 875	11 000	U	16
P	CENTRAL MAINE POWER CO	GREENVILLE	WILSON STREAM	MAINE	576	1 000	U	85
P	BANGOR HYDRO ELECTRIC CO	STANFORD	PENOBSCOT	MAINE	3 800	29 000	U	21
I	GREAT NORTHERN PAPER CO	WELDON	PENOBSCOT	MAINE	19 200	110 000	U	40
P	BANGOR HYDRO ELECTRIC CO	MEDWAY	W BR PENOBSCOT	MAINE	3 440	31 000	U	18
I	GREAT NORTHERN PAPER CO	DOLBY	W BR PENOBSCOT	MAINE	14 100	93 000	U	49
I	GREAT NORTHERN PAPER CO	MILLINOCKET	W BR PENOBSCOT	MAINE	8 000	44 000	U	110
I	GREAT NORTHERN PAPER CO	NORTH TWIN	W BR PENOBSCOT	MAINE	8 200	27 000	234	29
I	GREAT NORTHERN PAPER CO	RIPOGENUS	W BR PENOBSCOT	MAINE	24 300 109 277	100 000 603 600	688	186
I	MEGUNTICOOK RIVER BASIN							
P	SEABRIGHT CORPORATION	CAMDEN	MEGUNTICOOK	MAINE	240	400	NA	NA
P	CENTRAL MAINE POWER CO	BELFAST	GOOSE	MAINE	425	600	U	103
P	CENTRAL MAINE POWER CO	DAMARISCOTTA	DAMARISCOTTA LAK	MAINE	400 1 065	1 500 2 500	U	66
I	KENNEBEC RIVER BASIN							
I	WARREN S D CO	COPSECOOK	COBBOSSEE POND	MAINE	300	900	NA	17
I	HUDSON PULP PAPER CO	AUGUSTA	KENNEBEC	MAINE	375	2 500	NA	22
I	BATES MFG CO	EDWARDS DIVISION	KENNEBEC	MAINE	3 500	18 000	NA	22
P	CENTRAL MAINE POWER CO	UNION GAS	MESSALONSKEE STR	MAINE	1 500	3 300	U	35
P	CENTRAL MAINE POWER CO	AUTOMATIC	MESSALONSKEE STR	MAINE	800	2 300	U	23
P	CENTRAL MAINE POWER CO	RICE RIPS	MESSALONSKEE STR	MAINE	1 600	4 300	U	42
P	CENTRAL MAINE POWER CO	OAKLAND	MESSALONSKEE STR	MAINE	2 800	8 000	U	67
P	CENTRAL MAINE POWER CO	FORT HALIFAX	SEBASTICOOK	MAINE	1 500	6 400	U	22
P	CENTRAL MAINE POWER CO	BURNHAM	SEBASTICOOK	MAINE	1 050	3 000	U	27
I	MILSTAR MFG CORP	WATERVILLE	KENNEBEC	MAINE	800	3 000	U	21
I	COTWOOD MFG CORP	WATERVILLE	KENNEBEC	MAINE	4 800	35 000	NA	21
I	SCOTT PAPER CO	T AND A MILLS	KENNEBEC	MAINE	3 730	25 000	U	23
P	CENTRAL MAINE POWER CO	SHAMUT	KENNEBEC	MAINE	4 650	34 000	5	24
P	CENTRAL MAINE PR CO ET AL	WESTON	KENNEBEC	MAINE	12 000	80 600	U	32
M	MADISON ELEC WORKS	NORRIDGEWOCK	SANDY	MAINE	450	1 300	NA	15
I	KENNEBEC R PULP AND PAPER	ABENAKI	KENNEBEC	MAINE	3 650	10 000	U	42
I	KENNEBEC R PULP AND PAPER	ANSON	KENNEBEC	MAINE	6 000	52 000	U	20
P	CENTRAL MAINE POWER CO	WILLIAMS	KENNEBEC	MAINE	13 000	91 000	U	45
P	CENTRAL MAINE POWER CO	WYMAN	KENNEBEC	MAINE	72 000	320 000	67	141
P	CENTRAL MAINE POWER CO	THARRIS	KENNEBEC	MAINE	75 000 209 505	184 000 885 200	20	148

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS	1/ 2	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
P	P	ANDROSCOGGIN RIVER BASIN							
I	P	CENTRAL MAINE POWER CO	TBRUNSWICK	ANDROSCOGGIN	MAINE	1 473	12 000	U	17
I	P	CENTRAL MAINE POWER CO	TTOPSHAM	ANDROSCOGGIN	MAINE	1 900	7 000	U	20
I	P	PEJEPSCOT PAPER CO	PEJEPSCOT	ANDROSCOGGIN	MAINE	1 500	7 500	U	22
I	P	WORUMBO MFG CO	LISBON FALLS	ANDROSCOGGIN	MAINE	900	3 300	U	19
I	P	CENTRAL MAINE POWER CO	NORWAY	PENNESSEEWASSEE	MAINE	280	200	U	52
I	P	PEPPERELL MFG CO	LEWISTON	ANDROSCOGGIN	MAINE	100	200	U	35
I	P	LIBBEY W S CO	LEWISTON	ANDROSCOGGIN	MAINE	750	3 000	U	28
I	P	BATES MANUFACTURING CO	LEWISTON DIVISION	ANDROSCOGGIN	MAINE	4 800	18 500	U	24
I	P	BATES MANUFACTURING CO	HILL DIVISION	ANDROSCOGGIN	MAINE	2 160	9 500	U	25
I	P	BATES MANUFACTURING CO	ANDROSCOGGIN	ANDROSCOGGIN	MAINE	2 782	11 000	U	25
M	P	LEWISTON PUBLIC WORKS	LEWISTON	ANDROSCOGGIN	MAINE	700	3 000	U	25
I	P	CENTRAL MAINE POWER CO	TDEER RIPS	ANDROSCOGGIN	MAINE	6 540	29 600	U	31
P	P	CENTRAL MAINE POWER CO	TANDROSCOGGIN NO 3	ANDROSCOGGIN	MAINE	3 600	20 000	U	32
P	P	CENTRAL MAINE POWER CO	TGULF ISLAND	ANDROSCOGGIN	MAINE	19 200	125 000	5	55
I	P	INTERNATIONAL PAPER CO	LIVERMORE MILL	ANDROSCOGGIN	MAINE	4 540	22 000	U	31
I	P	INTERNATIONAL PAPER CO	OTIS MILL	ANDROSCOGGIN	MAINE	2 980	10 000	U	24
I	P	INTERNATIONAL PAPER CO	JAY	ANDROSCOGGIN	MAINE	2 800	16 000	U	14
P	P	RUMFORD FALLS POWER CO	RUMFORD FLS LWR	ANDROSCOGGIN	MAINE	12 800	103 000	U	78
P	P	RUMFORD FALLS POWER CO	RUMFORD FLS UPR	ANDROSCOGGIN	MAINE	21 970	161 000	U	97
P	P	BROWN COMPANY	SHELBOURNE	ANDROSCOGGIN	N H	3 720	14 000	NA	17
P	P	PUBLIC SERVICE CO OF N H	GORHAM	ANDROSCOGGIN	N H	2 150	15 000	U	20
I	P	BROWN COMPANY	GORHAM	ANDROSCOGGIN	N H	4 800	26 000	U	30
I	P	BROWN CO	CASCADE	ANDROSCOGGIN	N H	7 200	48 000	U	45
I	P	BROWN CO	CROSS	ANDROSCOGGIN	N H	3 220	19 000	U	21
I	P	PUBLIC SERVICE CO OF N H	J BRODIE SMITH	ANDROSCOGGIN	N H	15 000	97 600	U	87
I	P	BROWN CO	RIVERSIDE	ANDROSCOGGIN	N H	11 400	74 000	U	65
I	P	BROWN CO	BERLIN	ANDROSCOGGIN	N H	2 200	14 000	U	18
						140 365	869 400		
I	P	MINOR RIVER BASINS							
I	P	WARREN S D CO	SMELT HILL	PRESUMPSCOT	MAINE	900	4 000	NA	14
I	P	WARREN S D CO	CUMBERLAND	PRESUMPSCOT	MAINE	600	600	NA	22
I	P	WARREN S D CO	SACCARAPPA	PRESUMPSCOT	MAINE	1 350	11 000	NA	28
I	P	WARREN S D CO	DUNDUE	PRESUMPSCOT	MAINE	2 400	16 000	NA	51
P	P	CENTRAL MAINE POWER CO	NORTH GORHAM	PRESUMPSCOT	MAINE	2 250	12 000	NA	34
P	P	WARREN S D CO	EEL WEIR	PRESUMPSCOT	MAINE	1 800	12 000	321	40
P	P	CENTRAL MAINE POWER CO	BRIDGTON	WILLET	MAINE	360	400	U	50
						9 660	56 000		
P	P	SACO RIVER BASIN							
P	P	CENTRAL MAINE POWER CO	CATARACT	SACO	MAINE	6 650	45 000	U	44
I	P	SACO REALTY CO	SACO DIVISION	SACO	MAINE	900	4 700	NA	40
P	P	CENTRAL MAINE POWER CO	SKELTON	SACO	MAINE	16 800	104 000	U	74
P	P	CENTRAL MAINE POWER CO	TBAR MILLS	SACO	MAINE	4 000	20 000	NA	20
P	P	CENTRAL MAINE POWER CO	WEST BUXTON	SACO	MAINE	6 625	24 000	U	27
P	P	CENTRAL MAINE POWER CO	BONNY EAGLE	SACO	MAINE	7 200	44 000	U	38
P	P	CORNISH KEZAR FLS L PR CO	KEZAR FALLS	OSISPEE	MAINE	1 350	1 400	NA	16
P	P	CENTRAL MAINE POWER CO	HIRAM	SACO	MAINE	2 400	19 000	U	79
P	P	PUBLIC SERVICE CO OF N H	SWANS FALLS	SACO	MAINE	640	1 600	U	13
P	P	WHITE MOUNTAIN POWER CO	GOODRICH FALLS	GLEN ELLIS	N H	500	3 000	NA	67
						46 065	266 700		
I	P	MINOR RIVER BASINS							
I	P	WYANDOTTE WORSTED CO	ROCHESTER	COCHECO	N H	100	400	NA	22
P	P	CENTRAL MAINE POWER CO	SOUTH BERWICK	SALMON FALLS	MAINE	1 200	2 800	U	20
P	P	CENTRAL MAINE POWER CO	GREAT WORKS	GREAT WORKS	MAINE	500	1 000	NA	32
P	P	PUBLIC SERVICE CO OF N H	SALMON FALLS	SALMON FALLS	N H	2 000	6 600	U	45
P	P	PUBLIC SERVICE CO OF N H	GREAT FALLS UPPER	SALMON FALLS	N H	2 600	8 000	U	65
I	P	SPAULDING FIBER CO INC	NORTH ROCHESTER	SALMON FALLS	N H	250	400	NA	NA
I	P	SPAULDING FIBRE CO INC	MILTON N ROCHESTR	SALMON FALLS	N H	312	1 900	NA	129
						6 962	21 100		
P	P	MERRIMACK RIVER BASIN							
P	P	NEW ENGLAND POWER CO	AMESBURY NO 5	POWOW	MASS	800	1 900	U	65
I	P	NEW ENGLAND POWER CO	LAKE GARDNER	POWOW	MASS	150	300	U	16
I	P	EVERETT MILL PROPERTIES	EVERETT MILLS	MERRIMACK CANAL	MASS	1 000	1 700	NA	26
I	P	ROWLAND INDUSTRIES INC	CANAL STREET	MERRIMACK CANAL	MASS	1 920	6 000	NA	NA
I	P	ATLANTIC ENTERPRISES INC	CANAL STREET	MERRIMACK CANAL	MASS	1 400	4 000	NA	NA
I	P	MERRIMACK PAPER CO INC	MERRIMACK	MERRIMACK CANAL	MASS	2 300	2 300	NA	30
I	P	OXFORD PAPER CO INC	LAWRENCE	MERRIMACK CANAL	MASS	1 200	6 100	NA	26
I	P	TALBOT MILLS	NORTH BILLERICA	CONCORD	MASS	300	300	NA	NA
I	P	MAYNARD INDUSTRIES	ASSABET	ASSABET	MASS	150	300	NA	22
H	P	METROPOLITAN DIST COMM	SUDBURY	SUDBURY	MASS	720	4 500	U	73
I	P	FLETCHER CED	SOUTH ACTON	FORT POND BR	MASS	186	400	NA	NA
I	P	BOOTT MILLS	LOWELL	MERRIMACK CANAL	MASS	4 975	8 900	U	40
I	P	JACKSON PROPERTIES INC	LOWELL	MERRIMACK CANAL	MASS	1 050	1 900	U	40
I	P	BOOTT MILLS	LOWELL	MERRIMACK CANAL	MASS	2 400	6 900	U	40
I	P	BOOTT MILLS	LOWELL	MERRIMACK CANAL	MASS	1 300	5 400	U	40
I	P	MINE FALLS DEVELOPMENT CO	NASHUA MILL	NASHUA	N H	4 040	9 400	NA	36
I	P	ST REGIS PAPER CO	PEPPERELL	NASHUA	MASS	1 920	5 600	NA	28
I	P	SAMSON CORDAGE WORKS	SHIRLEY	SHIRLEY RESERVOIR	MASS	1 325	10	NA	NA
M	P	METROPOLITAN DIST COMM	WACHUSSETT	S BR NASHUA	MASS	3 200	8 100	U	21
M	P	METROPOLITAN DIST COMM	OKADALE	QUABBIN AQUEDUCT	MASS	3 500	14 000	NA	135
I	P	CROCKER BURBANK AND CO	FITCHBURG	NORTH NASHUA	MASS	760	1 200	NA	98
I	P	HILLSBOROUGH MILLS	WILTON	SOUHEGAN	N H	600	2 000	U	38
P	P	PUBLIC SERVICE CO OF N H	KELLEYS FALLS	PISCATAQUOG	N H	1 600	2 000	U	21
P	P	PUBLIC SERVICE CO OF N H	GREGGS FALLS	PISCATAQUOG	N H	3 000	6 800	U	65
P	P	PUBLIC SERVICE CO OF N H	TAMOSKEAG	MERRIMACK	N H	16 000	82 700	U	46
P	P	PUBLIC SERVICE CO OF N H	THOOKSETT	MERRIMACK	N H	1 600	11 000	U	14
I	P	DOLE SUNCOOK INC	ALLEN TOWN	SUNCOOK	N H	400	4 900	NA	98
P	P	PUBLIC SERVICE CO OF N H	TGARVINS FALLS	MERRIMACK	N H	7 200	40 000	U	30
P	P	CONCORD ELECTRIC CO	TSEWALLS FALLS	MERRIMACK	N H	2 000	13 000	NA	16
I	P	HOAGUE SPRAGUE CO	WEST HOPKINTON	CONTOOCOOK	N H	625	1 200	NA	20

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS /	DRAINAGE AND RIVER BASIN	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	MERRIMACK RIVER BASIN (CONTINUED)							
P	PUBLIC SERVICE CO OF N H	JACKMAN	N BR CONTOOKOOK	N H	3 200	8 000	9	178
I	MONADNACK MILLS INC	BENNINGTON	CONTOOKOOK	N H	1 275	6 000	NA	NA
I	SULLOWAY INDUSTRIES INC	FRANKLIN	WINNEPESAUKEE	N H	375	600	NA	16
I	STEVENS J P AND CO INC	FRANKLIN MILL	WINNEPESAUKEE	N H	3 800	700	NA	11
P	PUBLIC SERVICE CO OF N H	LOCHMERE	WINNEPESAUKEE	N H	800	4 400	U	16
I	SCOTT AND WILLIAMS INC	LAKEPORT	LAKEPORT	N H	125	500	NA	8
P	PUBLIC SERVICE CO OF N H	EASTMAN FALLS	PEMIGEWASSET	N H	3 000	16 000	U	35
P	PUBLIC SERVICE CO OF N H	BRISTOL NO 8	NEWFOUND	N H	168	600	U	16
P	PUBLIC SERVICE CO OF N H	AYERS ISLAND	PEMIGEWASSET	N H	8 400	41 400	6	80
I	FRANCONIA PAPER CORP	LINCOLN	PEMIGEWASSET	N H	670	4 500	NA	50
					83 914	334 410		
	MINOR RIVER BASINS							
I	VALLEY LAKE CO	HOPE MILL	N BR PAWTUCKET	R I	460	700	NA	26
M	PROVIDENCE CITY OF	GAINER DAM	N BR PAWTUCKET	R I	1 400	4 000	NA	86
P	BLACKSTONE VAL G AND E CO	PAWTUCKET NO 2	BLACKSTONE	R I	600	2 600	U	17
P	BLACKSTONE VAL G AND E CO	WOONSOCKET NO 1	BLACKSTONE	R I	375	500	U	12
I	WHITIN MACHINE WORKS	MUMFORD	MASS	MASS	580	800	NA	26
I	O DONNELL J J WOOLENS	FARNUMSVILLE	BLACKSTONE	MASS	112	300	NA	9
P	COLUMBIA NARROW FABRIC CO	RICHMOND	PAWCATUCK	R I	150	380	NA	NA
P	BOZRAH LIGHT AND POWER CO	GILMAN	YANTIC	CONN	250	500	NA	29
M	NORWICH CITY OF	SECOND STREET	SHETUCKET	CONN	800	5 000	NA	16
P	CONN LIGHT AND PWR CO THE	TUNNEL	QUINEBAUG	CONN	2 000	9 800	U	25
I	BRUNSWICK WORSTED MILLS	MOOSUP	QUINEBAUG	CONN	250	400	NA	26
I	DANIELSON FINISHING CO	DANIELSON NO 2	FIVE MILE	CONN	500	800	NA	20
I	PRYM WILLIAM INC	DAYVILLE	FIVE MILE	CONN	200	200	NA	NA
I	NEW ENGLAND CHEMICAL CO	PUTNAM	QUINEBAUG	CONN	250	600	NA	17
I	AMERICAN OPTICAL CO	SOUTHERIDGE	QUINEBAUG	MASS	200	600	NA	12
I	RUSSELL HARRINGTON CO	SOUTHERIDGE	QUINEBAUG	MASS	240	600	NA	9
I	CONN LIGHT AND PWR CO THE	TAFTVILLE	SHETUCKET	CONN	1 780	5 000	U	26
M	NORWICH CITY OF	OCUM	SHETUCKET	CONN	800	3 500	U	13
I	CONN LIGHT AND PWR CO THE	SCOTLAND DAM	SHETUCKET	CONN	2 000	7 300	U	26
I	AMERICAN THREAD CO	WILLIMANTIC	WILLIMANTIC	CONN	1 600	3 300	NA	60
I	JOHNSON CYRIL WOOLEN CO	STAFFORD SPRINGS	FURNACE	CONN	100	100	NA	15
					14 792	46 980		
	CONNECTICUT RIVER BASIN							
I	STANLEY WORKS	NEW BRITAIN	BASS BROOK	CONN	9 720	30 000	NA	NA
P	FARMINGTON RIVER POWER CO	RAINBOW	FARMINGTON	CONN	8 000	28 000	NA	60
I	COLLINS CO	COLLINSVILLE	FARMINGTON	CONN	1 600	6 000	NA	18
P	CONN LIGHT AND PWR CO THE	ROBERTSVILLE	MAD	CONN	500	1 700	U	53
I	DEXTER C H AND SONS INC	WINDSOR LOCKS	CONNECTICUT	CONN	500	2 400	U	27
I	SOUTHWORTH PAPER CO	WEST SPRINGFIELD	WESTFIELD	MASS	150	600	NA	NA
I	STRATHMORE PAPER CO	WEST SPRINGFIELD	WESTFIELD	MASS	1 400	4 800	NA	32
P	WESTERN MASS ELEC CO	COBBLE MOUNTAIN	WESTFIELD LITTLE	MASS	33 000	20 000	65	456
I	STRATHMORE PAPER CO	WORONOCO	WESTFIELD	MASS	2 690	8 000	NA	50
I	WESTFIELD RIVER PAPER CO	WESTFIELD	WESTFIELD	MASS	700	2 800	NA	24
I	TEXON INC	RUSSELL	WESTFIELD	MASS	800	2 600	NA	32
P	WESTERN MASS ELEC CO	DWIGHT	CHICOPEE	MASS	2 080	9 900	U	32
P	WESTERN MASS ELEC CO	INDIAN ORCHARD	CHICOPEE	MASS	4 900	12 000	U	35
P	WESTERN MASS ELEC CO	LUDLOW	CHICOPEE	MASS	3 200	15 000	U	44
P	WESTERN MASS ELEC CO	RED BRIDGE	CHICOPEE	MASS	3 600	17 000	U	51
M	METROPOLITAN DIST COMM	WINSOR	SWIFT	MASS	1 200	4 800	NA	NA
I	WARE INDUSTRIES INC	WARE	WARE	MASS	1 045	2 200	NA	48
I	BARRE WOOL COMBING CO LTD	SOUTH BARRE	WARE	MASS	150	800	NA	21
I	HOLYOKE WATER POWER CO	HOLYOKE FALLS	CONNECTICUT	MASS	15 000	104 500	7	52
I	STANDARD PACKAGING CORP	HOLYOKE	CONNECTICUT CAN	MASS	1 600	8 000	U	23
I	LIVINGSTON WORSTED MILLS	HOLYOKE	CONNECTICUT CAN	MASS	300	1 200	U	12
P	HOLYOKE WATER POWER CO	HOLYOKE	CONNECTICUT CAN	MASS	7 640	31 700	U	30
I	AMERICAN WRITING PAP CORP	HOLYOKE MILLS	CONNECTICUT CAN	MASS	3 510	9 700	U	39
P	HOLYOKE WATER POWER CO	BEEBEE HOLLOW	CONNECTICUT CAN	MASS	516	2 500	U	20
I	PARSONS PAPER CO	HOLYOKE	CONNECTICUT CAN	MASS	732	900	U	20
M	HOLYOKE GAS AND EL DEPT	PROJECT NO 1	CONNECTICUT CAN	MASS	1 056	5 040	U	NA
M	HOLYOKE GAS AND EL DEPT	PROJECT NO 2	CONNECTICUT CAN	MASS	800	3 820	U	NA
I	HOLYOKE GAS AND EL DEPT	PROJECT NO 3	CONNECTICUT CAN	MASS	450	2 000	U	NA
I	STANDARD PACKAGING CORP	HOLYOKE	CONNECTICUT CAN	MASS	600	1 500	U	20
I	SKINNER WM AND SONS CO	HOLYOKE	CONNECTICUT CAN	MASS	300	600	U	20
I	PRENTISS GEO W AND CO	HOLYOKE	CONNECTICUT CAN	MASS	382	800	U	20
P	HOLYOKE WATER POWER CO	BOATLOCK STATION	CONNECTICUT CAN	MASS	2 900	18 000	U	20
I	HAMPTON MILLS INC	EASTHAMPTON	MANHAN	MASS	120	80	NA	NA
P	NEW ENGLAND POWER CO	DEERFIELD NO 2	DEERFIELD	MASS	4 800	34 000	U	65
P	WESTERN MASS ELEC CO	GARDNER FALLS	DEERFIELD	MASS	3 980	17 000	U	39
P	NEW ENGLAND POWER CO	DEERFIELD NO 3	DEERFIELD	MASS	4 800	37 000	U	68
P	NEW ENGLAND POWER CO	DEERFIELD NO 4	DEERFIELD	MASS	4 800	32 000	U	68
I	KENDALL CO	GRISWOLDVILLE	NORTH	MASS	160	400	NA	22
P	NEW ENGLAND POWER CO	DEERFIELD NO 5	DEERFIELD	MASS	15 000	74 000	U	245
P	NEW ENGLAND POWER CO	SHERMAN	DEERFIELD	MASS	7 200	27 000	U	80
P	NEW ENGLAND POWER CO	HARRIMAN	DEERFIELD	VT	33 600	102 000	116	390
P	NEW ENGLAND POWER CO	SEARSBURG	DEERFIELD	VT	4 000	27 000	U	232
P	WESTERN MASS ELEC CO	CADOT	CONNECTICUT CAN	MASS	51 000	247 800	9	62
P	WESTERN MASS ELEC CO	TURNERS FALLS	CONNECTICUT CAN	MASS	4 840	12 500	9	48
I	ESLEECK MANUFACTURING CO	TURNERS FALLS	CONNECTICUT CAN	MASS	450	200	NA	42
I	STRATHMORE PAPER CO	TURNERS FALLS	CONNECTICUT CAN	MASS	937	4 800	NA	67
I	MILLERS FALLS PAPER CO	MILLERS FALLS	MILLERS	MASS	1 000	5 000	NA	26
I	STARRETT L S CO	ATHOL	MILLERS	MASS	112	200	NA	NA
I	HINDSDALE PAPER MFG CO	HINDSDALE	ASHUELOT	N H	350	1 900	NA	NA
I	TROY MILLS INC	TROY	S BR ASHUELOT	N H	100	100	NA	26
P	PUBLIC SERVICE CO OF N H	MINNEWAWA	MINNEWAWA BROOK	N H	1 600	3 600	U	252
P	NEW ENGLAND POWER CO	VERNON #	CONNECTICUT	N H	16 000	80 000	6	34
P	NEW ENGLAND POWER CO	VERNON #	CONNECTICUT	VT	8 400	41 000	6	34
P	CENTRAL VT PUB SERV CORP	WEST DUMMERSTON	WEST	VT	720	2 000	U	26

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS 1/	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
CONNECTICUT RIVER BASIN (CONTINUED)								
P	NEW ENGLAND POWER CO	BELLOWS FALLS	CONNECTICUT	VT	40 800	215 000	10	62
I	FELLOWS GEAR SHAPER	SPRINGFIELD	BLACK	VT	525	700	NA	11
P	CENTRAL VT PUB SERV CORP	CAVENDISH	BLACK	VT	1 440	1 700	NA	120
P	COY PAPER CO	WEST CLAREMONT	SUGAR	N H	800	2 800	NA	33
I	CLAREMONT PAPER CO INC	CLAREMONT	SUGAR	N H	800	2 800	NA	27
P	CENTRAL VT PUB SERV CORP	CLAREMONT	SUGAR	N H	250	900	U	20
I	DORR WOOLLEN CO	NO 1	SUGAR	N H	120	300	U	27
P	CENTRAL VT PUB SERV CORP	TARTSVILLE	OTTAWAQUECHEE	VT	2 500	2 000	U	17
M	NEW ENGLAND POWER CO	GRANITE ST NO 4	MASCOMA	N H	1 300	5 400	U	73
I	CUMMINGS LEATHER CO INC	LEBANON	MASCOMA	N H	150	500	NA	NA
I	BETHEL MILLS INC	BETHEL	WHITE	VT	150	400	NA	16
P	NEW ENGLAND POWER CO	WILDER *	CONNECTICUT	N H	16 200	69 500	13	51
P	NEW ENGLAND POWER CO	WILDER *	CONNECTICUT	VT	16 200	69 500	13	51
P	CENTRAL VT PUB SERV CORP	BRADFORD	WAITS	VT	360	1 900	U	76
M	WOODSVILLE PRECINCT OF	WOODSVILLE	AMMONOOSUC	N H	400	800	NA	NA
P	PUBLIC SERVICE CO OF N H	LISEON	AMMONOOSUC	N H	150	900	U	16
P	LITTLETON WTR AND LT DEPT	APTHORP	AMMONOOSUC	N H	300	1 100	NA	19
P	NEW ENGLAND POWER CO	MCINDOES	CONNECTICUT	N H	10 560	44 000	5	29
P	GREEN MOUNTAIN POWER CORP	WEST DANVILLE 15	JOES BROOK	VT	1 000	2 500	U	180
P	CENTRAL VT PUB SERV CORP	PASSUMPSIC	PASSUMPSIC	VT	700	4 100	U	42
P	CENTRAL VT PUB SERV CORP	GAGE	PASSUMPSIC	VT	700	3 100	U	15
P	CENTRAL VT PUB SERV CORP	ARNOLD FALLS	PASSUMPSIC	VT	350	1 300	U	17
M	LYNDONVILLE VILLAGE OF	GREAT FALLS	PASSUMPSIC	VT	600	4 400	NA	61
P	CENTRAL VT PUB SERV CORP	PIERCE MILLS	PASSUMPSIC	VT	250	1 300	U	17
M	LYNDONVILLE VILLAGE OF	WAIL STATION	PASSUMPSIC	VT	350	200	NA	15
P	NEW ENGLAND POWER CO	COMERFORD	CONNECTICUT	N H	140 400	307 000	29	179
P	NEW ENGLAND POWER CO	ST C MOORE	CONNECTICUT	N H	140 400	251 000	114	159
I	GILMAN PAPER CO	GILMAN	CONNECTICUT	VT	2 990	15 000	NA	27
P	GROVETON PAPERS CO	NORTHUMBERLAND	CONNECTICUT	N H	2 000	2 000	NA	30
I	PUBLIC SERVICE CO OF N H	CANAAN	CONNECTICUT	VT	1 100	7 400	U	35
					655 285	2 131 080		
HOUSATONIC RIVER BASIN								
I	AMERICAN BRASS CO	ANSONIA	NAUGATUCK	CONN	760	3 100	NA	35
P	THE UNITED ILLUMINATING	DERBY	HOUSATONIC	CONN	800	3 100	U	20
P	CONN LIGHT AND PWR CO THE	STEVENSON	HOUSATONIC	CONN	30 500	97 600	5	69
P	CONN LIGHT AND PWR CO THE	SHEPAUS	HOUSATONIC	CONN	37 200	118 200	41	97
P	CONN LIGHT AND PWR CO THE	BANTAM	BANTAM	CONN	320	1 300	U	62
P	CONN LIGHT AND PWR CO THE	ROCKY RIVER 3/	ROCKY	CONN	24 000	6 800	143	230
P	CONN LIGHT AND PWR CO THE	BULLS BRIDGE	HOUSATONIC	CONN	8 400	47 200	U	107
P	HARTFORD ELEC LT CO THE	FALLS VILLAGE	HOUSATONIC	CONN	9 000	39 500	U	92
P	RISING PAPER CO	HOUSATONIC	HOUSATONIC	MASS	1 692	1 200	NA	27
I	HURLBUT PAPER CO	SOUTH LEE	HOUSATONIC	MASS	361	1 700	NA	19
P	LAKE MAY POWER CO	LAKE MAY	GOOSE CR	MASS	700	1 800	U	437
I	SCHWEITZER PETER J INC	LEE	HOUSATONIC	MASS	1 458	4 000	NA	24
					114 191	325 500		
HUDSON RIVER BASIN								
I	GROVEVILLE COE	BEACON	FISH KILL CR	N Y	520	1 100	NA	NA
I	BRANDLY DYK WORKS INC	BEACON	FISH KILL CR	N Y	1 100	3 000	NA	NA
P	B N AND A REALTY CORP	WAPPINGERS FALLS	WAPPINGER CR	N Y	1 300	5 500	NA	85
P	CENT HUDSON G AND EL CORP	STURGEON POOL	WALKKILL	N Y	14 400	54 500	U	113
P	CENT HUDSON G AND EL CORP	DASHVILLE	WALKKILL	N Y	4 800	18 000	U	42
P	NEW YORK ST EL AND G CORP	WALDEN	WALKKILL	N Y	1 475	5 500	NA	36
P	ORANGE AND ROCKLAND UTIL	GRAHAMSVILLE	ROUNDOUT CR	N Y	18 000	90 000	317	440
P	CENT HUDSON G AND EL CORP	HIGH FALLS	ROUNDOUT CR	N Y	2 120	7 200	U	48
P	CENT HUDSON G AND EL CORP	NEVERSINK	NEVERSINK DIV	N Y	25 000	48 000	109	552
I	MARTIN CANTINE CO	SAUGERTIES	ESOPUS CR	N Y	400	1 200	NA	NA
P	NIAGARA MOHAWK PWR CORP	STUYVESANT	KINDERHOOK CR	N Y	2 300	15 000	U	100
I	FORD MOTOR COMPANY	GREEN ISLAND	HUDSON	N Y	16 800	70 000	NA	16
P	NIAGARA MOHAWK PWR CORP	CHAMPLAIN	MOHAWK	N Y	180	1 000	U	16
P	NIAGARA MOHAWK PWR CORP	SCHOOL ST COHOES	MOHAWK	N Y	38 800	170 000	U	94
P	NEW YORK ST DEPT PUB WKS	CRESCENT	MOHAWK	N Y	5 600	39 000	U	28
M	NEW YORK ST DEPT PUB WKS	VISSCHER FERRY	MOHAWK	N Y	5 600	35 000	U	28
P	NIAGARA MOHAWK PWR CORP	EPHRATAH	CAROGA CR	N Y	5 150	15 200	U	294
P	NIAGARA MOHAWK PWR CORP	BEARDSLEE FALLS	E CANADA CR	N Y	20 000	49 600	U	156
P	NIAGARA MOHAWK PWR CORP	INGHAM'S MILLS	E CANADA CR	N Y	6 400	28 000	U	124
I	GREEN DANIEL CO	DOLGEVILLE	E CANADA CR	N Y	320	1 800	NA	NA
I	FROST WHITE PAPER MILLS	SALISBURY	SPRUCE CR	N Y	360	1 400	NA	NA
I	BURROWS PAPER CORP	LITTLE FALLS	MOHAWK	N Y	150	300	NA	NA
I	STANDARD FURNITURE CO	HERKIMER	W CANADA CR	N Y	300	1 000	NA	NA
P	NIAGARA MOHAWK PWR CORP	TRENTON FALLS	W CANADA CR	N Y	23 600	132 700	U	268
P	NIAGARA MOHAWK PWR CORP	PROSPECT	W CANADA CR	N Y	17 325	74 700	U	138
I	CASCADE FINISHING CO	ORISKANY FALLS	ORISKANY CR	N Y	125	300	NA	20
P	NIAGARA MOHAWK PWR CORP	MECHANICVILLE	HUDSON	N Y	4 500	31 000	U	18
P	WEST VA PULP AND PAPER CO	MECHANICVILLE	HUDSON	N Y	6 310	41 000	NA	23
P	NIAGARA MOHAWK PWR CORP	SCHAGHTICOKE	HOOSIC CR	N Y	13 120	62 400	U	153
P	NIAGARA MOHAWK PWR CORP	JOHNSONVILLE	HOOSIC	N Y	4 800	12 000	5	35
P	CENTRAL VT PUB SERV CORP	HOOSIC FALLS	HOOSIC	N Y	1 050	3 700	U	24
P	NIAGARA MOHAWK PWR CORP	SCHUYLERVILLE	FISH CR	N Y	1 200	7 600	U	61
P	NIAGARA MOHAWK PWR CORP	VICTORY MILLS	FISH CR	N Y	1 200	4 200	U	46
P	NIAGARA MOHAWK PWR CORP	MIDDLE FALLS	BATTENKILL	N Y	1 040	5 900	U	51
I	STEVENS THOMPSON PAPER CO	GREENWICH	BATTENKILL	N Y	750	4 900	NA	15
I	UNITED BOARD CARTON CORP	THOMSON	HUDSON	N Y	1 320	9 000	NA	18
P	NIAGARA MOHAWK PWR CORP	FORT EDWARD	HUDSON	N Y	2 850	22 000	U	21
P	NIAGARA MOHAWK PWR CORP	BAKERS FALLS	HUDSON	N Y	2 250	15 000	U	55
P	NIAGARA MOHAWK PWR CORP	MOREAU	HUDSON	N Y	4 800	42 000	U	64
P	NIAGARA MOHAWK PWR CORP	SOUTH GLEN FALLS	HUDSON	N Y	3 800	27 000	U	47
I	FINCH PRUYN AND CO	OLENS FALLS	HUDSON	N Y	7 240	40 000	NA	48
P	MOREAU MANUFACTURING CORP	FEEDER DAM	HUDSON	N Y	6 000	28 000	U	15
P	NIAGARA MOHAWK PWR CORP	SHERMAN ISLAND	HUDSON	N Y	28 800	150 000	U	68
P	NIAGARA MOHAWK PWR CORP	SPIER FALLS	HUDSON	N Y	44 400	213 600	U	83

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
HUDSON RIVER BASIN (CONTINUED)								
I	INTERNATIONAL PAPER CO	PALMER	HUDSON	N Y	3 990	30 000	U	85
I	INTERNATIONAL PAPER CO	CURTIS	HUDSON	N Y	5 000	22 000	U	26
P	NIAGARA MOHAWK PWR CORP	†STEWARTS BRIDGE	SACANDAGA	N Y	30 000	118 000	U	100
P	NIAGARA MOHAWK PWR CORP	E J WEST	SACANDAGA	N Y	20 000	62 000	NA	63
P	INDIAN LAKE PWR AND LT CO	CEDAR RIVER	CEDAR	N Y	146	400	NA	NA
					406 271	1 818 000		
MINOR RIVER BASINS								
M	PUBLIC SERVICE EL AND GAS	S U M	PASSAIC	N J	3 680	28 000	U	68
M	PASSAIC VALLEY WATER COMM	LITTLE FALLS	PASSAIC	N J	2 400	10 000	NA	36
S	HARSCO CORP	HIGH BRIDGE	BO TO RARITAN	N Y	300	2 600	U	33
I	MILLVILLE MFG CO	MILLVILLE	MAURICE	N J	500	2 600	NA	NA
					6 880	41 200		
DELAWARE RIVER BASIN								
I	RIEGEL PAPER CORP	RIEGELSVILLE	MUSCONETCONG	N J	250	1 100	NA	21
I	RIEGEL PAPER CORP	HUGHESVILLE	MUSCONETCONG	N J	444	1 900	NA	27
I	RIEGEL PAPER CORP	WARREN MILL	MUSCONETCONG	N J	720	4 000	NA	50
P	ORANGE AND ROCKLAND UTIL	RIO	MONGAUP	N Y	10 000	30 700	13	185
P	ORANGE AND ROCKLAND UTIL	MONGAUP FALLS	MONGAUP	N Y	4 000	20 000	U	115
P	ORANGE AND ROCKLAND UTIL	SWINGING BRIDGE 2	MONGAUP	N Y	6 750	11 400	16	122
P	ORANGE AND ROCKLAND UTIL	SWINGING BRIDGE 1	MONGAUP	N Y	5 000	6 000	10	122
P	PENNSYLVANIA P AND LT CO	†WALLENPAUPACK	LACKAWAXEN	PA	40 000	77 600	158	370
					67 164	152 700		
SUSQUEHANNA RIVER BASIN								
P	SUSQ PWR & PHILA EL PWR	†CONOWINGO	SUSQUEHANNA	MD	252 000	1 294 000	71	89
P	PENNSYLVANIA P AND LT CO	†HOLTWOOD	SUSQUEHANNA	PA	107 200	590 000	19	51
P	SAFE HARBOR WTR PWR CORP	†SAFE HARBOR	SUSQUEHANNA	PA	196 000	920 000	63	54
I	INTERNATIONAL PAPER CO	†YORK HAVEN	SUSQUEHANNA	PA	2 500	16 000	NA	21
P	METROPOLITAN EDISON CO	†YORK HAVEN	SUSQUEHANNA	PA	19 620	115 000	U	22
P	PENNSYLVANIA ELEC CO	RAYSTOWN	RAYSTOWN BR	PA	2 100	12 000	U	32
P	PENNSYLVANIA ELEC CO	JUNIATA	JUNIATA	PA	2 000	8 900	U	27
I	LEWIS T C COMPANY	HILLSGROVE	LOYAL-SOCK	PA	100	400	NA	NA
P	PENNSYLVANIA ELEC CO	†OKLAND	SUSQUEHANNA	PA	600	1 900	U	9
I	ELMORE MILLING CO INC	ONEONTA	SUSQUEHANNA	N Y	450	900	NA	NA
P	NEW YORK ST EL AND G CORP	COLLIERS	SUSQUEHANNA	N Y	3 810	8 000	U	30
					586 380	2 967 100		
PATAPSCO RIVER BASIN								
I	DICKEY W J AND SONS INC	OELLA	PATAPSCO	MD	600	3 600	NA	43
					600	3 600		
POTOMAC RIVER BASIN								
F	CORPS OF ENGINEERS	DALECARLIA	POTOMAC R CANAL	D C	3 000	5 000	U	140
P	POTOMAC LT AND PWR CO	MILLVILLE	SHENANDOAH	W VA	2 840	18 000	U	26
P	NORTHERN VIRGINIA PWR CO	WARREN	SHENANDOAH	VA	750	4 200	U	12
P	NORTHERN VIRGINIA PWR CO	LURAY	S FK SHENANDOAH	VA	1 600	9 000	U	18
P	NORTHERN VIRGINIA PWR CO	NEWPORT	S FK SHENANDOAH	VA	1 400	9 000	U	24
P	NORTHERN VIRGINIA PWR CO	SHENANDOAH	S FK SHENANDOAH	VA	862	4 800	U	12
P	POTOMAC LT AND PWR CO	POTOMAC	POTOMAC	W VA	600	6 100	U	26
P	POTOMAC LT AND PWR CO	DAM NO 4	POTOMAC	W VA	1 000	7 500	U	19
P	POTOMAC LT AND PWR CO	DAM NO 5	POTOMAC	W VA	1 120	7 600	U	17
P	POTOMAC LT AND PWR CO	CACAPON	CACAPON	W VA	720	2 000	U	24
P	ROYAL GLENN PWR CO	ROYAL GLENN	S BR POTOMAC	W VA	370	1 000	NA	9
					14 502	74 200		
RAPPAHANNOCK RIVER BASIN								
P	VIRGINIA EL AND PWR CO	EMBREY	RAPPAHANNOCK	VA	3 150	21 000	U	51
					3 150	21 000		
NORTH ATLANTIC MAJOR DRAINAGE TOTAL					2 499 630	10 715 270		
SOUTH ATLANTIC MAJOR DRAINAGE								
JAMES RIVER BASIN								
P	VIRGINIA EL AND PWR CO	HARVELL	APPOMATTOX	VA	500	2 200	U	11
P	VIRGINIA EL AND PWR CO	LOCKS	APPOMATTOX	VA	4 565	17 700	U	73
P	VIRGINIA EL AND PWR CO	MANCHESTER	JAMES	VA	1 000	2 300	U	17
P	VIRGINIA EL AND PWR CO	TWELFTH STREET	JAMES	VA	8 800	35 000	U	22
P	VIRGINIA EL AND PWR CO	JAMES	PARK	VA	2 100	12 000	U	27
M	RICHMOND DEPT OF PUB UTIL	HOLLYWOOD	JAMES	VA	2 025	21 400	U	25
P	VIRGINIA EL AND PWR CO	BELLE ISLE	JAMES	VA	3 000	16 000	U	21
M	RICHMOND DEPT OF PUB UTIL	BYRD PARK	JAMES	VA	1 125	7 600	U	19
I	GEORGIA MARBLE CO	SCHUYLER	ROCKFISH	VA	780	1 400	NA	32
I	GLAMORGAN PIPE AND FNDRY	LYNCHBURG	JAMES	VA	150	200	U	18
P	APPALACHIAN POWER CO	REUSENS	JAMES	VA	12 500	39 000	U	35
I	OWENS-ILLINOIS GLASS CO	HOLCOMBS ROCK	JAMES	VA	1 875	NA	U	17
I	OWENS-ILLINOIS GLASS CO	BIG ISLAND	JAMES	VA	480	2 400	NA	12
P	BEDFORD TOWN OF	SNOWDEN	JAMES	VA	1 000	7 000	U	18
P	VIRGINIA EL AND PWR CO	CUSHAW	JAMES	VA	7 500	28 000	U	27
P	VIRGINIA EL AND PWR CO	BALCONY FALLS	JAMES	VA	1 920	10 000	U	15
M	CRAIG BOTETOURT COOP	MEADOW CREEK	MEADOW CR	VA	300	1 600	NA	606
M	BARC ELEC COOP	FALLING SPRINGS	FALLING SPR CR	VA	420	1 400	NA	515
					50 040	205 800		
CHOWAN RIVER BASIN								
P	VIRGINIA EL AND PWR CO	EMPORIA	MEHERRIN	VA	2 160	7 500	U	41
					2 160	7 500		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS /	DRAINAGE AND RIVER BASIN	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	NAME OF OWNER							
P	ROANOKE RIVER BASIN							
P	VIRGINIA EL AND PWR CO	ROANOKE RAPIDS	ROANOKE	N C	100 080	325 500	38	76
P	VIRGINIA EL AND PWR CO	ROANOKE	ROANOKE	N C	177 920	303 000	20	68
P	CORPS OF ENGINEERS	JOHN H KERR	ROANOKE	VA	204 000	438 000	1 046	92
P	VIRGINIA EL AND PWR CO	HALIFAX	BANNISTER	VA	1 000	5 900	U	30
I	DAN RIVER MILLS INC	RIVERSIDE	DAN	VA	2 450	10 000	NA	21
I	DAN RIVER MILLS INC	SCHOOLFIELD	DAN	VA	5 300	15 000	NA	28
M	SPRAY COTTON MILLS	SPRAY	SMITH	N C	1 000	2 600	NA	38
F	MARTINSVILLE CITY OF	MARTINSVILLE	SMITH	VA	1 300	5 000	U	32
P	CORPS OF ENGINEERS	PHILPOTT	SMITH	VA	14 000	25 400	111	162
I	WASHINGTON MILLS CO	MAYODAN	MAYODAN	N C	1 200	6 000	NA	17
P	DUKE POWER CO	WALNUT COVE	DAN	NC	544	1 600	NA	18
M	DANVILLE WT G AND EL DEPT	PINNACLES	DAN	VA	10 125	30 000	U	701
P	APPALACHIAN POWER CO	NIAGARA	ROANOKE	VA	2 400	13 000	NA	61
					521 319	1 181 000		
I	MINOR RIVER BASINS							
M	ROCKY MOUNT MILLS	ROCKY MOUNT	TAR	N C	1 600	4 500	NA	24
M	WILSON UTILITIES	WILSON	CONTÉNTNEA CR	N C	312	800	5	13
M	DURHAM CITY OF	LAKE MICHIE	FLAT	N C	1 500	6 600	NA	80
					3 412	11 900		
I	CAPE FEAR RIVER BASIN							
P	ELK EASTERN MILLS INC	HOPE MILLS	ROCKFISH CR	N C	450	1 900	NA	24
P	RAEFORD POWER AND MFG CO	RAEFORD	ROCKFISH CR	N C	800	NA	NA	NA
I	ODELL J M MFG CO	BYNUM	HAW	N C	600	1 600	NA	15
I	SELLERS MFG CO	SAXAPAHAW	HAW	N C	1 500	3 000	NA	12
I	VIRGINIA MILLS INC	SWEPSONVILLE	HAW	N C	900	3 500	NA	15
P	WOODY T C	ROCKY RIVER	ROCKY	N C	160	500	NA	NA
					4 410	11 100		
I	YADKIN-PEEDEE RIVER BASIN							
P	SONOCO PRODUCTS CO	HARTSVILLE	BLACK CR	S C	318	800	NA	NA
P	CAROLINA POWER AND LT CO	BLEWETT FALLS	PEE DEE	N C	24 600	134 000	58	50
P	CAROLINA POWER AND LT CO	TILLERY	YADKIN	N C	84 000	200 000	88	72
P	YADKIN INC	YADKIN FALLS	YADKIN	N C	29 500	127 000	U	55
P	YADKIN INC	YADKIN NARROWS	YADKIN	N C	47 000	246 000	129	177
P	YADKIN INC	TUCKERTOWN	YADKIN	N C	42 000	130 000	7	55
P	YADKIN INC	THIGH ROCK	YADKIN	N C	33 000	129 000	235	59
P	DUKE POWER CO	IDOLS	YADKIN	N C	1 411	6 200	NA	10
P	DUKE POWER CO	PILOT MOUNTAIN	ARARAT	N C	500	1 900	NA	18
P	DUKE POWER CO	MOUNT AIRY NO 2	ARARAT	N C	448	1 500	NA	18
P	DUKE POWER CO	MOUNT AIRY NO 1	ARARAT	N C	160	300	NA	18
P	DUKE POWER CO	CARTERS FALLS	ELKIN	N C	180	800	NA	77
					263 117	977 500		
M	SANTEE RIVER BASIN							
M	SO CAROLINA PUB SERV AUTH	SPINOPOLIS	SANTEES-COOPER	S C	132 615	517 000	1 100	70
M	SO CAROLINA PUB SERV AUTH	SPILLWAY	SANTEE	S C	1 920	13 000	1 100	47
P	DUKE POWER CO	WATEREE	WATEREE	S C	56 000	190 000	175	77
P	DUKE POWER CO	PROCKY CREEK	CATAWBA	S C	28 000	7 600	U	58
P	DUKE POWER CO	CDAR CREEK	CATAWBA	S C	45 000	114 000	U	57
P	DUKE POWER CO	DEARBORN	CATAWBA	S C	45 000	85 000	U	69
P	DUKE POWER CO	IGREAT FALLS	CATAWBA	S C	24 000	48 000	U	71
P	DUKE POWER CO	TFISHING CREEK	CATAWBA	S C	36 720	105 000	37	58
P	DUKE POWER CO	TWYLIE	CATAWBA	S C	60 000	107 000	150	68
I	STOWE MILLS INC	MCADENVILLE	SOUTH FORK	N C	400	3 200	NA	NA
P	DUKE POWER CO	SPENCER MOUNTAIN	SOUTH FORK	N C	640	4 600	NA	24
I	HARDEN MFG CO	DALLAS	SOUTH FORK	N C	200	700	NA	NA
I	BURLINGTON INDUSTRIES	LONG SHOALS NO 3	SOUTH FORK	N C	1 700	5 400	NA	25
I	RHINE MILLS INC	LINCOLN PLANT	SOUTH FORK	N C	150	1 200	NA	NA
I	HENRY RIVER MILLS CO	HENRY RIVER	HENRY FORK	N C	125	500	NA	35
P	DUKE POWER CO	TMOUNTAIN ISLAND	CATAWBA	N C	60 000	104 000	26	76
P	DUKE POWER CO	TCOWANS FORD	CATAWBA	N C	262 500	194 000	415	112
P	DUKE POWER CO	TLOOKOUT SHOALS	CATAWBA	N C	18 720	84 000	U	77
P	DUKE POWER CO	TOXFORD	CATAWBA	N C	36 000	91 000	52	90
P	DUKE POWER CO	LITTLE RIVER	LITTLE	N C	500	500	NA	50
P	DUKE POWER CO	GUNPOWDER NO 2	GUNPOWDER CR	N C	100	200	NA	25
P	DUKE POWER CO	GUNPOWDER NO 1	GUNPOWDER CR	N C	400	1 200	NA	75
P	DUKE POWER CO	TRHODISS	CATAWBA	N C	25 500	53 000	39	59
P	DUKE POWER CO	TBRIDGEWATER	CATAWBA	N C	20 000	38 000	289	137
P	DUKE POWER CO	LAKE TAHOMA	BUCK CR	N C	240	1 000	NA	60
P	SO CAROLINA EL AND GAS CO	TCOLUMBIA	BROAD	S C	10 600	50 900	U	32
P	SO CAROLINA EL AND GAS CO	TPARR	BROAD	S C	14 880	75 000	NA	35
I	RIVERDALE MILLS	SPARTANBURG	ENOREE	S C	1 300	4 900	NA	42
P	DUKE POWER CO	VAN PATTON	ENOREE	S C	600	3 200	NA	55
P	STARTEX MILLS	PRINT CRASH	SOUTH TIGER	S C	3 000	6 400	NA	72
I	STEVENS J P & CO INC	APALACHE	SOUTH TIGER	S C	1 625	2 300	NA	50
P	SO CAROLINA EL & GAS CO	NEAL SHOALS	BROAD	S C	5 200	30 000	NA	25
P	LOCKHART POWER CO	LOCKHART	BROAD	S C	12 300	70 000	U	52
P	PACOLET MANUFACTURING CO	PACOLET S C	PACOLET	S C	1 000	3 000	NA	27
I	CLIFTON MFG CO	CLIFTON	PACOLET	S C	2 575	9 100	NA	34
M	SPARTANBURG COMM PUB WKS	SPARTANBURG	S FK PACOLET	S C	1 000	2 500	NA	65
I	INDIAN HEAD MILLS	FINGERVILLE	N FK PACOLET	S C	125	700	NA	NA
P	DUKE POWER CO	99 ISLANDS	BROAD	S C	18 000	56 600	U	68
I	BURLINGTON INDUSTRIES	CHEROKEE FALLS	BROAD	S C	1 817	6 900	U	17
P	DUKE POWER CO	GASTON SHOALS	BROAD	S C	9 140	36 000	U	46
I	LILY MILLS CO	SHELBY	FIRST BROAD	N C	600	1 800	NA	25
I	CLEVELAND MILL AND PWR CO	LANDALE	FIRST BROAD	N C	888	2 600	NA	30
P	CONE MILLS CORP	CLIFFSIDE	SECOND BROAD	N C	1 625	2 900	NA	30
P	DUKE POWER CO	TURNER SHOALS	GREEN	N C	5 500	14 000	U	85
P	DUKE POWER CO	TUXEDO	GREEN	N C	5 000	21 000	U	296
P	CAROLINA MOUNTAIN PWR CO	LAKE LURE	BROAD	N C	3 600	10 000	14	100
P	SO CAROLINA EL AND GAS CO	TSALUDA	SALUDA	S C	130 000	217 000	1 613	189
M	GREENWOOD COUNTY COMM	TBUZZARD ROOST	SALUDA	S C	15 000	47 000	174	55

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
SANTÉE RIVER BASIN (CONTINUED)								
P	DUKE POWER CO	BOYDS MILL	REEDY	S C	960	5 000	NA	42
P	DUKE POWER CO	TUMBLING SHOALS	REEDY	S C	300	500	NA	16
I	RIEGLER TEXTILE CORP	WARE SHOALS	SALUDA	S C	4 266	17 000	NA	66
P	DUKE POWER CO	HOLIDAY	SALUDA	S C	3 600	12 000	NA	41
I	PELZER MILLS	PELZER	SALUDA	S C	5 300	21 000	NA	39
I	STEVENS P AND CO INC	PIEDMONT	SALUDA	S C	1 000	3 700	NA	24
P	DUKE POWER CO	SALUDA	SALUDA	S C	2 600	8 000	NA	41
					1 121 531	2 473 000		
SAVANNAH RIVER BASIN								
I	GRANITEVILLE CO	GRANITEVILLE	HORSE CR	S C	450	1 200	NA	42
I	GRANITEVILLE CO	VAUCLUSE	HORSE CR	S C	480	800	NA	53
I	JOHN P KING MFG CO	KING	SAVANNAH CANAL	GA	2 250	11 000	U	NA
I	GRANITEVILLE CO	ENTERPRISE	SAVANNAH CANAL	GA	1 200	6 200	U	30
M	GRANITEVILLE CO	SIBLEY	SAVANNAH CANAL	GA	2 100	11 000	U	30
I	BLANCHE COTTON MILLS	BLANCHE	SAVANNAH CANAL	GA	349	250	U	NA
F	SO CAROLINA EL AND G CO	STEVENS CREEK	SAVANNAH	GA	18 880	90 000	13	29
P	CORPS OF ENGINEERS	CLARK HILL	SAVANNAH	S C	280 000	700 000	1 045	152
M	ABBEVILLE WTR EL PLT	ABBEVILLE	ROCKY	GA	2 800	9 200	26	30
F	CORPS OF ENGINEERS	HARTWELL	SAVANNAH	GA	264 000	453 000	1 415	192
I	NORRIS COTTON MILLS CO	CATECHIEE	TWELVE MILE CR	S C	900	4 200	NA	NA
P	GEORGIA POWER CO	YONAH	TUGALOO	GA	22 500	50 800	U	70
P	GEORGIA POWER CO	TUGALOO	TUGALOO	GA	45 000	108 200	U	144
P	GEORGIA POWER CO	TALLULAH FALLS	TALLULAH	GA	72 000	170 600	U	603
P	GEORGIA POWER CO	MATHIS-TERRORA	TALLULAH	GA	16 000	46 300	U	190
P	GEORGIA POWER CO	NACOOCHIEE	TALLULAH	GA	4 800	14 000	U	61
P	GEORGIA POWER CO	BURTON	TALLULAH	GA	6 120	19 700	87	114
					739 829	1 696 450		
ALTAMAHA RIVER BASIN								
P	GEORGIA POWER CO	*SINCLAIR	OCONEE	GA	45 000	160 000	111	88
P	GEORGIA POWER CO	BARNETT SHOALS	OCONEE	GA	2 800	15 000	U	50
I	JULIETTE MILLING CO	MACON	OCMULGEE	GA	1 022	2 000	NA	NA
P	GEORGIA POWER CO	LLOYD SHOALS	OCMULGEE	GA	14 400	67 000	44	102
I	BIBB MFG CO	PORTERDALE	YELLOW	GA	1 500	5 000	NA	48
I	PARKS JOHN L	MILSTEAD	YELLOW	GA	800	2 500	NA	42
					65 522	251 900		
SOUTH ATLANTIC MAJOR DRAINAGE TOTAL					2 771 340	6 816 150		
EASTERN GULF MAJOR DRAINAGE								
MINOR RIVER BASINS								
P	FLORIDA POWER CORPORATION	DUNNELLON	WITHLACOOCHIEE	FLA	3 213	14 000	U	25
P	FLORIDA POWER CORPORATION	*JACKSON BLUFF	OCKLOCKONEE	FLA	8 800	14 000	18	35
					12 013	28 000		
APALACHICOLA RIVER BASIN								
P	FLORIDA PUB UTILITIES CO	BLUE SPRINGS	MERRITTS POND	FLA	140	500	NA	14
F	CORPS OF ENGINEERS	JIM WOODRUFF	APALACHICOLA	FLA	30 000	220 000	36	32
F	CORPS OF ENGINEERS	WALTER F GEORGE	CHATTAHOOCHEE	GA	130 000	436 000	207	87
I	EAGLE AND PHENIX MILLS	COLUMBUS	CHATTAHOOCHEE	GA	4 100	25 000	NA	26
I	CITY MILLS CO	COLUMBUS	CHATTAHOOCHEE	GA	180	300	NA	10
P	GEORGIA POWER CO	*N HIGHLANDS RDV	CHATTAHOOCHEE	GA	29 600	120 000	NA	38
P	GEORGIA POWER CO	*OLIVER	CHATTAHOOCHEE	GA	60 000	254 800	6	65
P	GEORGIA POWER CO	*GOAT ROCK	CHATTAHOOCHEE	GA	26 000	193 700	U	65
P	GEORGIA POWER CO	*BARTLETTS FERRY	CHATTAHOOCHEE	GA	65 000	366 400	57	115
P	GEORGIA POWER CO	RIVERVIEW	CHATTAHOOCHEE	GA	480	3 600	U	15
P	GEORGIA POWER CO	LANGDALE	CHATTAHOOCHEE	GA	1 040	7 000	U	16
P	GEORGIA POWER CO	*MORGAN FALLS	CHATTAHOOCHEE	GA	16 800	68 000	U	46
F	CORPS OF ENGINEERS	BUFORD	CHATTAHOOCHEE	GA	86 000	170 000	1 049	154
I	HABERSHAM MILLS	SOQUE	CHATTAHOOCHEE	GA	1 640	4 700	NA	67
P	GEORGIA POWER CO	*FLINT RIVER	FLINT	GA	5 400	47 400	U	27
M	CRISP COUNTY POWER COMM	*WARWICK	FLINT	GA	15 200	58 000	6	30
					471 586	1 975 400		
MINOR RIVER BASINS								
M	ALABAMA ELECTRIC COOP INC	ELBA	PEA	ALA	1 480	7 000	NA	29
M	ALABAMA ELECTRIC COOP INC	POINT A HYDRO	CONECUH	ALA	5 200	25 000	U	38
M	ALABAMA ELECTRIC COOP INC	GANTT	CONECUH	ALA	2 440	9 200	8	30
					9 120	41 200		
TOMBIGBEE RIVER BASIN								
P	ALABAMA POWER CO	*JOHN H BANKHEAD	BLACK WARRIOR	ALA	45 125	188 000	26	69
P	ALABAMA POWER CO	*LEWIS SMITH	SIPSEY FK	ALA	137 500	209 000	394	255
					202 625	397 000		
ALABAMA-COOSA RIVER BASIN								
P	ALABAMA POWER CO ETAL	THURLOW DAM	TALLAPOOSA	ALA	50 000	206 000	U	96
I	MT VERNON MILLS	TALLASSEE MILLS	TALLAPOOSA	ALA	8 000	20 000	U	90
P	ALABAMA POWER CO	YATES	TALLAPOOSA	ALA	32 000	131 000	9	55
P	ALABAMA POWER CO	*MARTIN DAM	TALLAPOOSA	ALA	154 200	315 000	1 375	145
P	ALABAMA POWER CO	*JORDAN NO 1	COOSA	ALA	100 000	559 400	44	89
P	ALABAMA POWER CO	*MITCHELL	COOSA	ALA	72 500	386 800	33	66
P	ALABAMA POWER CO	*LAY DAM	COOSA	ALA	64 800	374 500	37	69
P	ALABAMA POWER CO	*WEISS	COOSA	ALA	87 750	216 000	212	43
I	THOMPSON WEINMAN CO	CARTERSVILLE	ETOWAH	GA	625	3 500	NA	NA
F	CORPS OF ENGINEERS	ALLATOONA	ETOWAH	GA	76 000	145 000	285	146
					643 875	2 357 200		
EASTERN GULF MAJOR DRAINAGE TOTAL					1 339 213	4 798 800		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
<u>WESTERN GULF MAJOR DRAINAGE</u>								
F	BRAZOS RIVER BASIN	WHITNEY	BRAZOS	TEXAS	30 000	83 000	132	92
M	CORPS OF ENGINEERS	MORRIS SHEPPARD	BRAZOS	TEXAS	22 500	89 000	376	126
	BRAZOS RIVER AUTHORITY				52 500	172 000		
<u>COLORADO RIVER OF TEXAS BASIN</u>								
M	AUSTIN CITY OF	AUSTIN	COLORADO	TEXAS	13 500	70 000	9	62
M	LOWER COLORADO R AUTH	MANSFIELD ORD	COLORADO	TEXAS	67 500	200 000	841	150
M	LOWER COLORADO R AUTH	MARBLE FALLS	COLORADO	TEXAS	30 000	56 000	U	57
M	LOWER COLORADO R AUTH	GRANITE SHOAL	COLORADO	TEXAS	45 000	86 000	U	87
M	LOWER COLORADO R AUTH	INKS	COLORADO	TEXAS	12 500	46 000	U	61
M	LOWER COLORADO R AUTH	BUCHANAN 3/	COLORADO	TEXAS	33 750	100 000	770	132
					202 250	558 000		
<u>MINOR RIVER BASINS</u>								
P	CENTRAL PWR AND LT CO	CUERO	GUADALUPE	TEXAS	1 050	4 000	U	15
P	CENTRAL PWR AND LT CO	GONZALES	GUADALUPE	TEXAS	1 200	4 000	U	15
I	ZEDLER C AND SONS	LULING	SAN MARCOS	TEXAS	200	NA	NA	9
P	GUADALUPE BLANCO RIV AUTH	H 5	GUADALUPE	TEXAS	2 400	7 700	NA	28
P	GUADALUPE BLANCO RIV AUTH	H 4	GUADALUPE	TEXAS	2 400	7 700	NA	27
P	GUADALUPE HYDRO EL CORP	GUADALUPE HYDRO	GUADALUPE	TEXAS	308	1 500	NA	9
P	GUADALUPE BLANCO RIV AUTH	NOLTE TP 5	GUADALUPE	TEXAS	2 480	7 000	NA	27
M	SEGUIN CITY OF	SEGUIN	GUADALUPE	TEXAS	250	1 600	8	9
P	GUADALUPE BLANCO RIV AUTH	TP 4	GUADALUPE	TEXAS	2 400	7 800	NA	29
P	GUADALUPE BLANCO RIV AUTH	ABBOTT TP 3	GUADALUPE	TEXAS	2 800	8 900	NA	30
P	GUADALUPE BLANCO RIV AUTH	DUNLAP TP 1	GUADALUPE	TEXAS	3 600	13 400	NA	46
M	SAN ANTONIO CITY OF	LANDA	COMAL	TEXAS	600	500	NA	24
					19 688	64 100		
<u>RIO GRANDE RIVER BASIN</u>								
F	INTL BNDRY AND WTR COMM	FALCON	RIO GRANDE	TEXAS	31 500	87 500	2 412	115
P	CENTRAL PWR AND LT CO	EAGLE PASS	RIO GRANDE CANAL	TEXAS	9 600	50 000	U	83
P	CENTRAL PWR AND LT CO	LAKE WALK	DEVILS	TEXAS	1 350	5 100	U	35
P	CENTRAL PWR AND LT CO	DEVILS LAKE	DEVILS	TEXAS	1 800	6 000	5	45
P	RED BLUFF W PWR CONT DIST	RED BLUFF	PECOS	TEXAS	2 300	7 000	NA	83
F	SOUTHWESTERN PUB SERV CO	CARLSBAD	PECOS	N MEX	330	1 000	NA	17
F	BUREAU OF RECLAMATION	ELEPHANT BUTTE	RIO GRANDE	N MEX	24 300	96 000	1 771	190
					71 180	252 600		
<u>WESTERN GULF MAJOR DRAINAGE TOTAL</u>					<u>345 618</u>	<u>1 046 700</u>		
<u>LOWER MISSISSIPPI MAJOR DRAINAGE</u>								
F	RED RIVER VALLEY	NARROWS	LITTLE MISSOURI	ARK	17 000	28 400	202	145
P	CORPS OF ENGINEERS	TREMEL	OUACHITA	ARK	9 300	50 000	21	49
P	ARKANSAS PWR AND LT CO	T CARPENTER	OUACHITA	ARK	56 000	104 000	120	95
P	ARKANSAS PWR AND LT CO	BLAKELY MOUNTAIN	OUACHITA	ARK	75 000	162 000	1 286	181
F	CORPS OF ENGINEERS	DENISON	RED	TEXAS	70 000	247 000	1 730	108
					227 300	591 400		
<u>ARKANSAS RIVER BASIN</u>								
F	CORPS OF ENGINEERS	TENKILLER FERRY	ILLINOIS	OKLA	34 000	114 500	345	142
F	CORPS OF ENGINEERS	FORT GIBSON	GRAND	OKLA	45 000	190 500	U	60
M	GRAND RIVER DAM AUTHORITY	T PENSACOLA	GRAND	OKLA	86 400	311 000	554	120
P	EMPIRE DISTRICT ELEC CO	LOWELL	SPRING	KANS	3 000	8 500	U	24
M	COLORADO SPRINGS CITY OF	MANITOU SPRINGS	RUXTON CR	COLO	5 000	10 000	U	2 421
M	COLORADO SPRINGS CITY OF	RUXTON PARK	RUXTON CR	COLO	1 000	2 600	NA	1 165
P	SOUTHERN COLORADO PWR CO	SKAGUAY	BEAVER CR	COLO	1 560	9 000	U	1 164
P	PUB SERV CO OF COLORADO	SALIDA HYDRO NO 2	ARKANSAS	COLO	560	3 900	U	347
P	PUB SERV CO OF COLORADO	SALIDA HYDRO NO 1	ARKANSAS	COLO	750	4 400	U	435
					177 270	654 400		
<u>WHITE RIVER BASIN</u>								
P	ARKANSAS MISSOURI P CORP	MAMMOTH SPRING 3	SPRING	ARK	600	3 600	NA	20
P	ARKANSAS MISSOURI P CORP	MAMMOTH SPRING 1	SPRING	ARK	440	2 500	NA	20
F	CORPS OF ENGINEERS	NORFORK	NORTH FORK	ARK	70 000	196 000	448	175
P	CORPS OF ENGINEERS	BULL SHOALS	WHITE	ARK	340 000	785 000	1 003	197
F	EMPIRE DISTRICT ELEC CO	TOZARK BEACH	WHITE	MO	16 000	60 000	9	54
F	CORPS OF ENGINEERS	TABLE ROCK	WHITE	MO	200 000	493 000	1 182	204
					627 040	1 540 100		
<u>LOWER MISSISSIPPI MAJOR DRAINAGE TOTAL</u>					<u>1 031 610</u>	<u>2 785 900</u>		
<u>UPPER MISSISSIPPI MAJOR DRAINAGE</u>								
P	ILLINOIS RIVER BASIN	T DAYTON	FOX	ILL	3 680	17 000	NA	30
P	NO COUNTIES HYDRO ELEC CO	MARSEILLES	ILLINOIS	ILL	2 024	16 000	NA	16
M	ILLINOIS POWER CO	LOCKPORT	DES PLAINES	ILL	19 900	75 000	U	39
					25 604	108 000		
<u>DES MOINES RIVER BASIN</u>								
M	OTTUMWA CITY OF	T OTTUMWA	DES MOINES	IOWA	3 000	14 000	NA	13
M	FORT DODGE CITY OF	HYDRO	DES MOINES	IOWA	800	3 500	NA	17
					3 800	17 500		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
P	MISSISSIPPI MAIN STREAM UNION ELECTRIC CO	KEOKUK	MISSISSIPPI	IOWA	124 800 124 800	775 000 775 000	128	12
P	IOWA RIVER BASIN							
M	IOWA ELEC LT AND PWR CO	CEDAR RAPIDS	CEDAR	IOWA	1 200	3 400	NA	10
P	CEDAR FALLS MUNICIPAL UTL	CEDAR FALLS	CEDAR	IOWA	1 200	5 200	NA	11
M	INTERSTATE POWER CO	GREENE	SHELLROCK	IOWA	200	900	NA	11
M	MAVERLY CITY OF	EAST	CEDAR	IOWA	495	1 700	U	13
I	HORNEL GEO A CO	AUSTIN	CEDAR	MINN	157	50	NA	14
P	IOWA ILLINOIS G AND EL CO	CORALVILLE	IOWA	IOWA	400	1 200	U	11
I	AMANA WOOLEN MILLS	AMANA	IOWA	IOWA	300	900	NA	NA
P	IOWA ELEC LT AND PWR CO	IOWA FALLS	IOWA	IOWA	580 4 532	1 000 14 350	NA	25
P	ROCK RIVER BASIN							
P	SEARS WATER POWER CO	SEARS	ROCK	ILL	1 440	11 000	NA	11
P	COMMONWEALTH EDISON CO	STERLING	ROCK	ILL	2 175	10 000	U	10
P	COMMONWEALTH EDISON CO	DIXON	ROCK	ILL	3 200	16 000	U	9
P	CENTRAL ILLINOIS E G CO	FORDAM	ROCK	ILL	1 200	3 300	U	9
P	SOUTH BELOIT W G ANDE CO	ROCKTON	ROCK	ILL	1 100	6 000	U	12
P	WISCONSIN POWER AND LT CO	MONTEREY	ROCK	WIS	320	1 800	U	9
P	WISCONSIN POWER AND LT CO	JANESVILLE	ROCK	WIS	500	2 200	U	9
P	WISCONSIN POWER AND LT CO	FULTON	YAHARA	WIS	300	1 000	U	14
M	STOUGHTON ELEC UTILITIES	STEBBINSVILLE	YAHARA	WIS	300	1 000	U	15
M	STOUGHTON ELEC UTILITIES	DUNKIRK	YAHARA	WIS	276	900	U	12
M	STOUGHTON ELEC UTILITIES	CITY	YAHARA	WIS	150	500	U	9
M	HUSTISFORD VILLAGE OF	HUSTISFORD	ROCK	WIS	300 11 661	300 54 000	NA	12
P	MISSISSIPPI MAIN STREAM							
F	MOLINE WTR PWR CO	MOLINE	MISSISSIPPI	ILL	3 600	25 000	NA	12
F	CORPS OF ENGINEERS	ROCK ISLAND	MISSISSIPPI	ILL	2 752 6 352	20 000 45 000	NA	16
P	MINOR RIVER BASINS							
P	IOWA ELEC LT AND PWR CO	ANAMOSA	WAPSIPINICON	IOWA	200	800	NA	10
P	IOWA ELEC LT AND PWR CO	MAQUOKETA	MAQUOKETA	IOWA	1 200	5 000	NA	25
P	INTERSTATE POWER CO	DELHI	MAQUOKETA	IOWA	1 500	3 500	U	40
P	IOWA ELEC LT AND PWR CO	QUAKER MILLS	MAQUOKETA	IOWA	265	200	NA	16
P	IOWA ELEC LT AND PWR CO	MANCHESTER	MAQUOKETA	IOWA	250 3 415	400 9 900	NA	13
M	WISCONSIN RIVER BASIN							
P	LA FARGE VILLAGE	LA FARGE	KICKAPOO	WIS	120	100	NA	NA
P	WISCONSIN POWER AND LT CO	PRAIRIE DU SAC	WISCONSIN	WIS	28 500	110 700	U	40
I	GEORGE MCARTHUR AND SON	BARABOO	BARABOO	WIS	200	800	NA	NA
P	WISCONSIN POWER AND LT CO	BARABOO	BARABOO	WIS	200	500	U	12
I	ISLAND WOOLEN CO	BARABOO	BARABOO	WIS	412	1 500	NA	18
P	REEDSBURG WOOLEN MILLS	REEDSBURG	BARABOO	WIS	150	500	NA	8
P	WISCONSIN POWER AND LT CO	KILBOURN	WISCONSIN	WIS	8 200	47 200	U	24
P	WISCONSIN RIVER POWER CO	†CASTLE ROCK	WISCONSIN	WIS	15 000	75 000	77	30
P	WISCONSIN RIVER POWER CO	†PETENWELL	WISCONSIN	WIS	20 000	102 000	98	42
I	NEKOOSA EDWARDS PAPER CO	†NEKOOSA	WISCONSIN	WIS	3 600	24 000	NA	22
P	NEKOOSA EDWARDS PAPER CO	†PORT EDWARDS	WISCONSIN	WIS	2 920	17 000	NA	17
P	NEKOOSA EDWARDS PAPER CO	†CENTRALIA	WISCONSIN	WIS	3 200	18 000	NA	15
P	CONSOLIDATED WATER PWR CO	†WISCONSIN RAPIDS	WISCONSIN	WIS	4 160	25 000	U	33
P	CONSOLIDATED WATER PWR CO	†BIRON NO 2	WISCONSIN	WIS	3 300	20 000	5	24
P	WHITING PLOVER PAPER CO	†STEVENS POINT	WISCONSIN	WIS	625	900	NA	8
P	WISCONSIN PUB SERV CORP	JORDAN	PLOVER	WIS	300	900	U	26
P	CONSOLIDATED WATER PWR CO	†STEVENS POINT	WISCONSIN	WIS	3 840	25 000	8	18
P	CONSOLIDATED WATER PWR CO	†DU BAY	WISCONSIN	WIS	7 200	40 000	25	25
I	MOSINEE PAPER MILLS CO	†MOSINEE	WISCONSIN	WIS	3 400	23 000	NA	22
I	AMERICAN CAN CO	†TROTSCHILD	WISCONSIN	WIS	4 225	19 000	NA	21
P	WISCONSIN PUB SERV CORP	†WAUSAU WEST	WISCONSIN	WIS	5 400	31 000	NA	28
I	WARD PAPER COMPANY	MERRILL	WISCONSIN	WIS	135	300	NA	17
P	WISCONSIN PUB SERV CORP	†MERRILL	WISCONSIN	WIS	840	6 100	U	14
P	WISCONSIN PUB SERV CORP	†ALEXANDER	WISCONSIN	WIS	4 200	25 000	U	23
P	WISCONSIN PUB SERV CORP	†GRANDFATHER	WISCONSIN	WIS	17 240	101 000	NA	95
I	OWENS-ILLINOIS GLASS CO	†GRANDMOTHER	WISCONSIN	WIS	3 000	15 000	NA	19
P	WISCONSIN PUB SERV CORP	†TOMAHAWK	WISCONSIN	WIS	2 600	14 000	U	16
P	WISCONSIN PUB SERV CORP	†JERSEY	TOMAHAWK	WIS	512	2 600	U	15
P	TOMAHAWK PWR CO	†KINGS DAM	WISCONSIN	WIS	1 590	1 000	NA	23
P	WISCONSIN PUB SERV CORP	†HAT RAPIDS	WISCONSIN	WIS	1 440	2 175	U	21
I	ST REGIS PAPER CO	†RHINELANDER	WISCONSIN	WIS	2 120	10 000	NA	32
P	WISCONSIN PUB SERV CORP	†TOTTER RAPIDS	WISCONSIN	WIS	700 147 985	2 100 761 375	U	13
M	MINOR RIVER BASINS							
M	LANESBORO PUB UTIL COMM	LANESBORO	ROOT	MINN	477	900	NA	30
M	NORTHERN STS PWR CO	NESHONOC	LA CROSSE	WIS	1 500	1 500	U	11
M	BLACK RIVER FALLS CITY OF	BLACK RIVER FALLS	BLACK	WIS	920	2 200	NA	18
M	NORTHERN STS PWR CO	HATFIELD	BLACK	WIS	4 800	16 000	7	99
M	ROCHESTER CITY OF	ROCHESTER	ZUMBRO	MINN	1 840 8 237	6 000 26 600	24	57

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS 1/	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
P	CHIPPEWA RIVER BASIN							
P	NORTHERN STS PWR CO	EAU GALLE	EAU GALLE	WIS	400	700	U	28
P	NORTHERN STS PWR CO	TMENOMINEE	RED CEDAR	WIS	5 400	22 000	U	32
P	NORTHERN STS PWR CO	CEDAR FALLS	RED CEDAR	WIS	6 000	29 100	5	52
P	NORTHERN STS PWR CO	COLFAX	RED CEDAR	WIS	1 200	6 500	U	22
P	NORTHERN STS PWR CO	CHETEK	CHETEK	WIS	250	500	U	10
M	BARRON LT AND WTR COMM	BARRON	YELLOW	WIS	250	600	U	11
P	NORTHERN STS PWR CO	RICE LAKE	RED CEDAR	WIS	320	700	U	11
P	EAU CLAIRE CITY OF	DELLS	CHIPPEWA	WIS	9 500	43 800	U	26
P	NORTHERN STS PWR CO	CHIPPEWA FALLS	CHIPPEWA	WIS	21 600	73 500	U	30
P	NORTHERN STS PWR CO	WISDOTA	CHIPPEWA	WIS	35 200	141 600	81	54
P	NORTHERN STS PWR CO	JIM FALLS	CHIPPEWA	WIS	14 400	82 800	U	54
I	NORTHERN STS PWR CO	CORNELL	CHIPPEWA	WIS	2 160	17 000	U	38
P	NORTHERN STS PWR CO	THOLCOMBE	CHIPPEWA	WIS	33 750	102 000	34	42
M	LAKE SUPERIOR DIST PWR CO	THORNAPPLE	FLAMBEAU	WIS	1 400	7 600	U	13
M	LAKE SUPERIOR DIST PWR CO	PORT ARTHUR	FLAMBEAU	WIS	600	2 600	U	17
P	LAKE SUPERIOR DIST PWR CO	LADYSMITH	FLAMBEAU	WIS	1 800	11 000	U	17
C	DAIRYLAND PWR COOP	FLAMBEAU	FLAMBEAU	WIS	15 000	68 000	14	68
P	LAKE SUPERIOR DIST PWR CO	BIG FALLS	FLAMBEAU	WIS	7 760	35 000	U	52
I	FLAMBEAU POWER CO	CROWLEY RAPIDS	FLAMBEAU	WIS	1 500	4 800	U	20
I	FLAMBEAU POWER CO	PIXLEY RAPIDS	FLAMBEAU	WIS	1 200	5 100	U	21
I	FLAMBEAU POWER CO	LOWER PARK FALLS	N FK FLAMBEAU	WIS	1 200	4 600	U	19
I	KANSAS CITY STAR CO	UPPER PARK FALL	N FK FLAMBEAU	WIS	400	3 000	U	18
P	NORTH CENTRAL PWR CO	RADISSON	COURT OREILLES	WIS	495	900	NA	NA
P	NORTH CENTRAL PWR CO	TWINTER	E FK CHIPPEWA	WIS	650	2 200	U	25
					162 493	665 600		
	MINOR RIVER BASINS							
P	NORTHERN STS PWR CO	CANNON FALLS	CANNON	MINN	1 900	9 200	14	58
M	RIVER FALLS MUN UTILITIES	POWELL FALLS	KINNIKINNIC	WIS	125	400	NA	18
M	RIVER FALLS MUN UTILITIES	JUNCTION	KINNIKINNIC	WIS	250	600	NA	48
P	NORTHERN STS PWR CO	ST CROIX	WILLOW	WIS	300	400	U	14
P	NORTHERN STS PWR CO	LITTLE FALLS	WILLOW	WIS	300	700	U	27
P	NORTHERN STS PWR CO	WILLOW FALLS	WILLOW	WIS	600	2 000	U	107
P	NORTHERN STS PWR CO	MOUNDS	WILLOW	WIS	180	800	U	50
P	NORTHERN STS PWR CO	APPLE RIVER	APPLE	WIS	3 000	11 000	U	83
P	NORTHERN STS PWR CO	RIVERDALE	APPLE	WIS	500	3 300	U	23
P	NORTHERN STS PWR CO	MCCLURE	APPLE	WIS	160	1 200	U	13
P	NORTHERN STS PWR CO	HUNTINGDON	APPLE	WIS	640	2 900	U	27
P	NORTHERN STS PWR CO	BLACK BROOK	APPLE	WIS	540	1 700	U	23
P	NORTHERN STS PWR CO	ST CROIX FALLS	ST CROIX	WIS	23 200	114 300	U	59
P	CLAM RIVER DAM CO	CLAM DAM	CLAM	WIS	800	4 000	NA	21
P	NORTHWESTERN WIS ELEC CO	CLAM FALLS	CLAM	WIS	168	500	NA	30
P	NORTHWESTERN WIS ELEC CO	DANBURY	YELLOW	WIS	1 076	6 000	NA	30
P	DAHLBERG LIGHT AND PWR CO	NANCY	TOTOGATIC	WIS	450	1 300	NA	NA
P	NORTHERN STS PWR CO	TREGO	NAMAKAGON	WIS	1 200	7 000	NA	30
P	LAKE SUPERIOR DIST PWR CO	HAYWARD	NAMAKAGON	WIS	168	1 300	NA	18
P	DAHLBERG LIGHT AND PWR CO	GORDON	EAU CLAIRE	WIS	257	1 000	NA	NA
P	NORTHERN STS PWR CO	RAPIDAN	BLUE EARTH	MINN	1 500	8 600	U	62
M	REDWOOD FALLS PUB UT COMM	REDWOOD FALLS	REDWOOD	MINN	900	4 600	NA	85
M	GRANITE FALLS CITY OF	GRANITE FALLS	MINNESOTA	MINN	590	2 500	NA	14
					38 364	181 100		
I	MISSISSIPPI MAIN STREAM							
P	FORD MOTOR CO	TTWIN CITY	MISSISSIPPI	MINN	14 400	87 000	U	36
P	NORTHERN STATES PWR CO	TFLOWER DAM	MISSISSIPPI	MINN	8 000	52 300	U	24
P	NORTHERN STATES PWR CO	THENNEPIN ISLAND	MISSISSIPPI	MINN	12 400	91 500	U	49
P	NORTHERN STATES PWR CO	TMAIN STREET	MISSISSIPPI	MINN	960	9 400	NA	49
P	NORTHERN STS PWR CO	COON RAPIDS	MISSISSIPPI	MINN	6 500	45 500	U	19
M	ELK RIVER MUNICIPAL UTIL	ELK RIVER	ELK	MINN	250	1 000	NA	15
P	NORTHERN STS PWR CO	ST CLOUD 2	MISSISSIPPI	MINN	1 000	9 400	U	18
P	NORTHERN STS PWR CO	ST CLOUD 1	MISSISSIPPI	MINN	1 200	14 000	U	18
					44 710	310 100		
I	SAUK RIVER BASIN							
P	COLD SPRING GRANITE CO	FINISHING	SAUK	MINN	150	100	NA	9
					150	100		
I	MISSISSIPPI MAIN STREAM							
P	ST REGIS PAPER CO	SARTELL	MISSISSIPPI	MINN	2 340	7 400	NA	21
P	MINNESOTA POWER AND LT CO	TBLANCHARD	MISSISSIPPI	MINN	12 000	79 100	U	45
P	MINNESOTA POWER AND LT CO	LITTLE FALLS	MISSISSIPPI	MINN	3 520	21 000	U	24
					17 860	107 500		
P	CROW WING RIVER BASIN							
P	MINNESOTA POWER AND LT CO	SYLVAN	CROW WING	MINN	1 800	9 800	U	22
P	MINNESOTA POWER AND LT CO	PILLAGER	CROW WING	MINN	1 520	9 300	U	22
					3 320	19 100		
I	MISSISSIPPI MAIN STREAM							
P	NORTHWEST PAPER CO	BRAINERD	MISSISSIPPI	MINN	2 800	15 000	NA	20
					2 800	15 000		
P	PRAIRIE RIVER BASIN							
P	BLANDIN POWER CO	PRAIRIE RIVER	PRAIRIE	MINN	1 000	3 400	NA	35
					1 000	3 400		
I	MISSISSIPPI MAIN STREAM							
P	BLANDIN PAPER CO	GRAND RAPIDS	MISSISSIPPI	MINN	2 200	10 000	NA	20
P	OTTER TAIL POWER CO	BEMIDJI	MISSISSIPPI	MINN	740	2 200	NA	23
					2 940	12 200		
	UPPER MISSISSIPPI MAJOR DRAINAGE TOTAL				609 427	3 125 825		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
OHIO MAJOR DRAINAGE								
F	TENNESSEE RIVER BASIN	KENTUCKY	TENNESSEE	KY	160 000	1 160 000	U	52
F	TENNESSEE VALLEY AUTH	PICKWICK LANDING	TENNESSEE	TENN	216 000	1 300 000	U	54
F	TENNESSEE VALLEY AUTH	WILSON	TENNESSEE	ALA	598 000	2 552 000	U	96
F	TENNESSEE VALLEY AUTH	WHEELER	TENNESSEE	ALA	356 400	1 292 000	U	46
F	TENNESSEE VALLEY AUTH	GUNTERSVILLE	TENNESSEE	ALA	917 200	740 000	U	43
F	TENNESSEE VALLEY AUTH	HALES BAR	TENNESSEE	TENN	99 700	555 000	12	41
F	TENNESSEE VALLEY AUTH	CHICKAMAUGA	TENNESSEE	TENN	108 000	760 000	U	41
F	TENNESSEE VALLEY AUTH	OCOE NO 1	OCOE	TENN	18 000	65 000	33	117
F	TENNESSEE VALLEY AUTH	OCOE NO 2	OCOE	TENN	21 000	130 000	U	255
F	TENNESSEE VALLEY AUTH	OCOE NO 3	OCOE	TENN	27 000	180 000	U	320
F	TENNESSEE VALLEY AUTH	BLUE RIDGE	TOCCOA	GA	20 000	35 000	183	150
F	TENNESSEE VALLEY AUTH	APALACHIA	HIWASSEE	TENN	75 000	460 000	36	442
F	TENNESSEE VALLEY AUTH	HIWASSEE 2/	HIWASSEE	N C	57 600	250 000	353	244
P	NANTAHALA PWR AND LT CO	MISSION	HIWASSEE	N C	12 000	170 000	U	43
F	TENNESSEE VALLEY AUTH	NOTTLEY	NOTTLEY	GA	15 000	40 000	171	174
F	TENNESSEE VALLEY AUTH	CHATUGE	HIWASSEE	N C	10 000	30 000	229	126
F	TENNESSEE VALLEY AUTH	WATTS BAR	TENNESSEE	TENN	150 000	790 000	214	66
F	TENNESSEE VALLEY AUTH	NORRIS	TENNESSEE	TENN	100 000	390 000	1 761	159
P	TAPOCO INC	*CHILHOWEE	LITTLE TENNESSEE	TENN	50 000	186 000	7	62
P	TAPOCO INC	*CALDERWOOD	LITTLE TENNESSEE	TENN	121 500	558 000	U	213
P	TAPOCO INC	*CHEOAH	LITTLE TENNESSEE	N C	110 000	500 000	U	190
P	TAPOCO INC	*SANTEETLAH	CHEOAH	N C	45 000	193 000	133	663
F	TENNESSEE VALLEY AUTH	FONTANA	LITTLE TENNESSEE	N C	202 500	910 000	1 136	431
P	NANTAHALA PWR AND LT CO	TUCKASEGEE	W FK TUCKASEGEE	N C	3 000	12 000	U	120
P	NANTAHALA PWR AND LT CO	THORPE	W FK TUCKASEGEE	N C	21 600	89 000	67	1 207
P	NANTAHALA PWR AND LT CO	CEDAR CLIFF	E FK TUCKASEGEE	N C	6 375	24 000	U	172
P	NANTAHALA PWR AND LT CO	BEAR CREEK	E FK TUCKASEGEE	N C	9 000	31 500	5	230
P	NANTAHALA PWR AND LT CO	TENNESSEE CREEK	E FK TUCKASEGEE	N C	10 800	40 000	9	520
P	NANTAHALA PWR AND LT CO	QUEENS CREEK	QUEENS CREEK	N C	1 440	6 000	U	999
P	NANTAHALA PWR AND LT CO	NANTAHALA	NANTAHALA	N C	43 200	232 000	126	1 008
M	HIGHLANDS TOWN OF	*HIGHLANDS	CULLASAJA CR	N C	200	1 200	U	220
F	GEORGIA POWER CO	ESTATOAH	ESTATOAH CR	GA	240	1 000	U	580
F	TENNESSEE VALLEY AUTH	FORT LOUDOUN	TENNESSEE	TENN	128 000	530 000	79	72
F	TENNESSEE VALLEY AUTH	DOUGLAS	FRENCH BROAD	TENN	112 000	355 000	1 358	133
F	TENNESSEE VALLEY AUTH	NOLICHUCKY	NOLICHUCKY	TENN	10 640	40 000	5	72
P	CAROLINA POWER AND LT CO	*WALTERS	PIGEON	N C	108 000	306 000	20	861
P	CAROLINA POWER AND LT CO	MARSHALL	FRENCH BROAD	N C	3 000	18 000	U	33
P	CASCADE POWER CO	CASCADE	LITTLE	N C	1 000	4 300	NA	NA
F	TENNESSEE VALLEY AUTH	CHEROKEE	HOLSTON	TENN	120 000	330 000	1 412	152
F	TENNESSEE VALLEY AUTH	WILBUR	WATAUGA	TENN	10 700	25 000	U	69
F	TENNESSEE VALLEY AUTH	WATAUGA	WATAUGA	TENN	50 800	120 000	518	312
F	TENNESSEE VALLEY AUTH	*FT PATRICK HENRY	S FK HOLSTON	TENN	36 000	100 000	U	77
F	TENNESSEE VALLEY AUTH	BOONE	S FK HOLSTON	TENN	75 000	190 000	150	125
F	TENNESSEE VALLEY AUTH	SOUTH HOLSTON	S FK HOLSTON	TENN	35 000	120 000	519	244
					3 449 695	15 663 000		
CUMBERLAND RIVER BASIN								
F	CORPS OF ENGINEERS	CHEATHAM	CUMBERLAND	TENN	36 000	160 000	20	31
F	CORPS OF ENGINEERS	OLD HICKORY	CUMBERLAND	TENN	100 000	420 000	63	60
F	CORPS OF ENGINEERS	CENTER HILL	CUMBERLAND	TENN	135 000	351 000	492	176
F	TENNESSEE VALLEY AUTH	GREAT FALLS	CANEY FORK	TENN	31 860	150 000	50	156
F	CORPS OF ENGINEERS	DALE HOLLOW	OBEY	TENN	54 000	127 000	496	151
F	CORPS OF ENGINEERS	WOLF CREEK	CUMBERLAND	KY	270 000	867 000	2 142	173
					626 860	2 075 000		
WABASH RIVER BASIN								
P	NORTHERN IND PUB SERV CO	OAKDALE	TIPPECANOE	IND	11 000	35 000	U	45
P	NORTHERN IND PUB SERV CO	NORWAY	TIPPECANOE	IND	6 720	25 000	U	31
					17 720	60 000		
OHIO MAIN STREAM								
P	LOUISVILLE GAS AND EL CO	TOHIO FALLS	OHIO	KY	80 320	369 000	NA	33
					80 320	369 000		
KENTUCKY RIVER BASIN								
P	KENTUCKY UTILITIES CO	*LOCK NO 7	KENTUCKY	KY	2 040	11 000	NA	15
P	KENTUCKY UTILITIES CO	DIX DAM	DIX	KY	28 257	65 000	123	243
					30 297	76 000		
MINOR RIVER BASINS								
I	BENDIX CORP THE	HAMILTON	MIAMI	OHIO	2 250	12 000	NA	26
I	SORG PAPER CO	MIDDLETOWN	MIAMI	OHIO	350	700	NA	14
I	ST REGIS PAPER CO	FRANKLIN	MIAMI	OHIO	600	600	NA	NA
					3 200	13 300		
KANAWHA RIVER BASIN								
P	KANAWHA VALLEY POWER CO	*WINFIELD	KANAWHA	W VA	14 760	100 000	U	27
P	KANAWHA VALLEY POWER CO	*MARMET	KANAWHA	W VA	14 400	80 000	U	24
P	KANAWHA VALLEY POWER CO	*LONDON	KANAWHA	W VA	14 400	80 000	U	24
I	UNION CARBIDE CARBON CORP	GLEN FERRIS	KANAWHA	W VA	4 680	38 000	NA	36
I	UNION CARBIDE CARBON CORP	HAWKS NEST	NEW	W VA	102 000	495 000	U	164
M	RADFORD MUNICIPAL PWR	*RADFORD	LITTLE	VA	800	4 000	NA	40
P	APPALACHIAN POWER CO	*CLAYTOR	NEW	VA	75 000	190 000	95	116
P	APPALACHIAN POWER CO	BUCK	NEW	VA	8 505	32 000	U	44
P	APPALACHIAN POWER CO	BYLLESBY NO 2	NEW	VA	21 600	48 000	U	58
IL	WASHINGTON MILLS CO	FRIES	NEW	VA	3 050	16 000	NA	40
I	FIELDS MFG CO	MOUTH OF WILSON	WILSON CR	VA	250	600	NA	NA
M	BLUE RIDGE EL MEMB CORP	SHARPE FALLS	NEW	N C	175	1 000	NA	16
M	NEW RIVER LT AND POWER CO	HYDRO	NEW	N C	180	900	NA	NA
					239 800	1 085 500		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS 1/	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
I	BEAVER RIVER BASIN REPUBLIC STEEL CORP	BEAVER FALLS	BEAVER	PA	200 200	800 800	NA	NA
P	MONOGAHELA RIVER BASIN PENNSYLVANIA ELEC CO	DEEP CREEK	DEEP CREEK	MD	19 200	27 200	93	437
P	WEST PENN POWER CO	LAKE LYNN	CHEAT	W VA	51 200 70 400	139 000 166 200	20	82
P	ALLEGHENY RIVER BASIN PENNSYLVANIA ELEC CO	↑PINEY	CLARION	PA	28 800 28 800	73 900 73 900	13	83
OHIO MAJOR DRAINAGE TOTAL					4 563 292	19 582 700		
MISSOURI MAJOR DRAINAGE								
P	OSAGE RIVER BASIN UNION ELECTRIC CO OF MO	↑OSAGE	OSAGE	MO	172 000	440 000	1 246	92
P	SHO ME POWER CORP	NIANGUA	NIANGUA	MO	3 000	13 000	NA	41
P	MISSOURI PLANT SERV CO	OSCEOLA	OSAGE	MO	1 600	7 000	U	14
					176 600	460 000		
P	KANSAS RIVER BASIN BOWERSOCK MLS AND PWR CO	LAWRENCE	KANSAS	KANS	1 850	10 000	NA	13
P	KANSAS PWR AND LT CO	ROCKY FORD	BIG BLUE	KANS	460	1 300	NA	19
P	KANSAS PWR AND LT CO	MARYSVILLE	BIG BLUE	KANS	600	400	NA	14
P	NORRIS RURAL PUB PWR DIST	BARNESVILLE	BIG BLUE	NEBR	720	2 500	NA	19
M	CONSUMERS PUB POWER DIST	BLUE SPRINGS NO 2	BIG BLUE	NEBR	418	1 200	NA	12
I	ZWONECHEK JOHN D	DE WITT	BIG BLUE	NEBR	240	800	NA	NA
M	WILBER HYDRO ELEC PLANT	WILBER	BIG BLUE	NEBR	260	600	NA	NA
M	CONSUMERS PUB POWER DIST	HOLMESVILLE	BIG BLUE	NEBR	280	900	NA	14
M	IMPERIAL CITY OF	IMPERIAL	FRENCHMAN CR	NEBR	140	500	NA	17
					4 968	18 200		
I	PLATTE RIVER BASIN NORFOLK FEED MILLS CO	NORFOLK	ELKHORN	NEBR	150	400	NA	13
M	LOUP RIVER PUB PWR DIST	↑COLUMBUS	LOUP CANAL	NEBR	39 900	116 000	U	113
M	LOUP RIVER PUB PWR DIST	↑MONROE	LOUP CANAL	NEBR	7 838	30 000	NA	34
M	CONSUMERS PUB POWER DIST	FULLERTON	CEDAR	NEBR	394	1 200	NA	15
M	SPAUDLING MUN LT AND PWR	SPAUDLING	CEDAR	NEBR	140	300	NA	16
M	CONSUMERS PUB POWER DIST	ERICSON LAKE	CEDAR	NEBR	350	700	NA	19
M	CONSUMERS PUB POWER DIST	BOELUS	MIDDLE LOUP	NEBR	2 000	4 500	NA	32
M	NEBRASKA PUB PWR SYSTEM	KEARNEY	PLATTE	NEBR	1 500	2 900	U	45
M	NEBRASKA PUB PWR SYSTEM	GOthenburg	PLATTE	NEBR	400	1 700	U	54
M	CTL NEBR PUB PWR 6 I D	↑JOHNSON NO 2	PLATTE CANAL	NEBR	18 000	100 000	U	146
M	CTL NEBR PUB PWR 6 I D	↑JOHNSON NO 1	PLATTE CANAL	NEBR	18 000	100 000	39	118
M	CTL NEBR PUB PWR 6 I D	↑JEFFREY CANYON	PLATTE CANAL	NEBR	18 000	100 000	6	117
M	LOVELAND CITY OF	LOVELAND	THOMPSON	COLO	900	4 700	NA	345
F	BUREAU OF RECLAMATION	BIG THOMPSON	BIG THOMPSON	COLO	4 500	15 000	NA	180
F	BUREAU OF RECLAMATION	FLATIRON 2/	COLO BIG THOM D1	COLO	65 000	251 700	U	1 113
F	BUREAU OF RECLAMATION	POLE HILL	COLO BIG THOM D1	COLO	33 250	200 200	U	835
F	BUREAU OF RECLAMATION	ESTES	COLO BIG THOM D1	COLO	45 000	104 300	U	570
F	BUREAU OF RECLAMATION	MARYS LAKE	COLO BIG THOM D1	COLO	8 100	40 400	NA	215
M	TOWN OF ESTES PARK	ESTES PARK	FALL	COLO	880	2 300	NA	547
M	LONGMONT CITY OF	LONGMONT	ST VRAIN CR	COLO	400	3 000	NA	520
P	PUBLIC SERVICE CO OF COLO	BOULDER CANYON	MIDDLE BOULDER C	COLO	20 000	33 000	U	1 820
P	FALL RIVER POWER CO	↑FALL RIVER	FALL	COLO	600	NA	NA	650
P	PUB SERV CO OF COLORADO	GEORGETOWN	SOUTH CLEAR CR	COLO	1 440	6 800	U	665
M	PLATTE VAL PUB PWR 6 I D	↑NORTH PLATTE	N PLATTE CANAL	NEBR	26 100	100 000	U	213
F	BUREAU OF RECLAMATION	GUERNSEY	NORTH PLATTE	WYO	4 800	27 000	45	86
F	BUREAU OF RECLAMATION	GLEND0	NORTH PLATTE	WYO	24 000	77 000	\$14	133
F	BUREAU OF RECLAMATION	ALCOVA	NORTH PLATTE	WYO	36 000	129 900	190	164
F	BUREAU OF RECLAMATION	FREMONT CANYON	NORTH PLATTE	WYO	48 000	231 500	1 016	350
F	BUREAU OF RECLAMATION	KORTES	NORTH PLATTE	WYO	36 000	144 800	5	204
F	BUREAU OF RECLAMATION	SEMINOE	NORTH PLATTE	WYO	32 400	128 400	1 012	217
					492 042	1 957 700		
M	LITTLE SIOUX RIVER BASIN ORANGE CITY	ORANGE	LITTLE SIOUX	IOWA	4 000 4 000	15 000 15 000	NA	NA
F	MISSOURI MAIN STREAM CORPS OF ENGINEERS	GAVINS POINT	MISSOURI	NEBR	100 000 100 000	608 000 608 000	320	51
M	NIOBRARA RIVER BASIN CONSUMERS PUB POWER DIST	SPENCER	NIOBRARA	NEBR	2 640	11 000	NA	21
M	CONSUMERS PUB POWER DIST	FORT NIOBRARA	NIOBRARA	NEBR	980	1 700	NA	13
M	CONSUMERS PUB POWER DIST	MINNECHADUZA	MINNECHADUZA CR	NEBR	200 3 820	400 13 100	NA	29
F	MISSOURI MAIN STREAM CORPS OF ENGINEERS	FORT RANDALL	MISSOURI	S DAK	320 000 320 000	1 503 000 1 503 000	3 700	138
P	WHITE RIVER BASIN DON JONES	WHITE RIVER	S FK WHITE	S DAK	250 250	500 500	NA	17

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS Y	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
F	MISSOURI MAIN STREAM CORPS OF ENGINEERS	QAHE	MISSOURI	S DAK	595 000 595 000	2 302 000 2 302 000	17 000	205
P	MINOR RIVER BASINS							
P	BLACK HILLS PWR AND LT CO	REDWATER NO 2	REDWATER	S DAK	346	2 400	U	50
P	BLACK HILLS PWR AND LT CO	REDWATER NO 1	REDWATER	S DAK	1 000	4 300	U	100
I	HOMESTEAK MINING CO	NO 1	SPEARFISH CR	S DAK	4 000	19 000	NA	667
I	HOMESTEAK MINING CO	NO 2	SPEARFISH CR	S DAK	4 000	13 000	NA	945
P	HOMESTEAK MINING CO	ENGLEWOOD	ENGLEWOOD CR	S DAK	400	1 000	NA	486
P	BLACK HILLS PWR AND LT CO	FALL RIVER FALLS	FALL	S DAK	200	1 500	U	105
F	BUREAU OF RECLAMATION	ANGOSTURA	S FK CHEYENNE	S DAK	1 200 11 146	6 000 47 200	NA	113
F	MISSOURI MAIN STREAM CORPS OF ENGINEERS	GARRISON	MISSOURI	N DAK	400 000 400 000	1 886 000 1 886 000	18 000	174
P	YELLOWSTONE RIVER BASIN							
P	PACIFIC POWER AND LT CO	BUFFALO	CLEAR CR	WYO	400	3 000	NA	365
F	BUREAU OF RECLAMATION	HEART MOUNTAIN	SHOSHONE	WYO	5 000	55 800	190	274
F	BUREAU OF RECLAMATION	SHOSHONE	SHOSHONE	WYO	5 600	28 800	1 900	225
F	BUREAU OF RECLAMATION	BOYSEN	BIGHORN	WYO	15 000	80 700	758	110
F	BUREAU OF RECLAMATION	PILOT BUTTE	WIND	WYO	1 600	14 000	NA	105
P	MONTANA POWER CO THE	MYSTIC LAKE	W ROSEBUD CR	MONT	10 000	52 500	21	1 128
F	NATIONAL PARK SERVICE	MAMMOTH	GARDINER	WYO	600 58 200	1 500 236 300	U	547
F	MISSOURI MAIN STREAM CORPS OF ENGINEERS	FORT PECK	MISSOURI	MONT	165 000	960 000	13 900	213
P	MONTANA POWER CO THE	†MORONY	MISSOURI	MONT	45 000	210 000	8	83
P	MONTANA POWER CO THE	†RYAN	MISSOURI	MONT	48 000	450 000	U	151
P	MONTANA POWER CO THE	†COCHRANE	MISSOURI	MONT	48 000	245 000	U	76
P	MONTANA POWER CO THE	†RAINBOW	MISSOURI	MONT	35 600	292 000	U	112
P	MONTANA POWER CO THE	†SLACK EAGLE	MISSOURI	MONT	16 800	156 000	U	52
P	MONTANA POWER CO THE	†HOLTER	MISSOURI	MONT	38 400	226 000	82	109
P	MONTANA POWER CO THE	†HAUSER LAKE	MISSOURI	MONT	17 000	111 000	62	67
F	BUREAU OF RECLAMATION	CANYON FERRY	MISSOURI	MONT	20 000 463 800	330 000 3 080 000	1 615	150
P	MADISON RIVER BASIN MONTANA POWER CO THE	†MADISON NO 2	MADISON	MONT	9 000 9 000	73 000 73 000	39	119
MISSOURI MAJOR DRAINAGE TOTAL					2 618 826	16 200 000		
GREAT BASIN MAJOR DRAINAGE								
P	TRUCKEE RIVER BASIN							
P	SIERRA PACIFIC POWER CO	WASHOE	TRUCKEE	NEV	1 500	14 000	U	88
P	SIERRA PACIFIC POWER CO	VERDI	TRUCKEE	NEV	2 400	18 500	U	96
P	SIERRA PACIFIC POWER CO	FLEISH	TRUCKEE	NEV	2 000	16 000	U	125
P	SIERRA PACIFIC POWER CO	FARAD	TRUCKEE	CALIF	2 800 8 700	19 000 67 500	U	83
M	CARSON LAKE BASIN							
M	TRUCKEE CARSON IRR DIST	26 FOOT DROP	CARSON	NEV	800	6 000	U	26
M	TRUCKEE CARSON IRR DIST	LAHONTAN	CARSON	NEV	2 400 3 200	16 000 22 000	NA	120
P	MONO LAKE BASIN							
P	SOUTHERN CALIF EDISON CO	†RUSH CREEK	RUSH CR	CALIF	8 400	43 000	18	1 807
P	SOUTHERN CALIF EDISON CO	†POOLE	LEEVEINING CR	CALIF	10 000	26 000	U	1 675
P	SOUTHERN CALIF EDISON CO	†MILL CREEK	MILL CR	CALIF	2 400 20 800	8 600 77 600	NA	785
M	OWENS RIVER BASIN							
M	LOS ANGELES DEPT W AND P	FRANKLIN CANYON	LOS ANGELES AGDU	CALIF	2 000	8 800	U	285
M	LOS ANGELES DEPT W AND P	SAN FERNANDO	LOS ANGELES AGDU	CALIF	5 600	50 000	U	230
M	LOS ANGELES DEPT W AND P	S FRANCISQUITO 2	LOS ANGELES AGDU	CALIF	42 000	115 000	U	540
M	LOS ANGELES DEPT W AND P	S FRANCISQUITO 1	LOS ANGELES AGDU	CALIF	58 125	210 000	42	935
M	LOS ANGELES DEPT W AND P	HAIRLEE	LOS ANGELES AGDU	CALIF	5 600	34 000	54	193
M	LOS ANGELES DEPT W AND P	COTTONWOOD NO 3	COTTONWOOD CR	CALIF	1 500	8 000	U	1 267
M	LOS ANGELES DEPT W AND P	DIVISION CR	DIVISION CR	CALIF	4 000	4 000	U	1 250
M	LOS ANGELES DEPT W AND P	BIG PINE NO 3	BIG PINE CR	CALIF	3 200	15 000	U	1 243
P	SOUTHERN CALIF EDISON CO	BISHOP CR NO 6	BISHOP CR	CALIF	1 800	11 000	U	260
P	SOUTHERN CALIF EDISON CO	†BISHOP CR NO 5	BISHOP CR	CALIF	3 500	18 000	NA	420
P	SOUTHERN CALIF EDISON CO	†BISHOP CR NO 4	BISHOP CR	CALIF	6 800	42 000	NA	1 112
P	SOUTHERN CALIF EDISON CO	†BISHOP CR NO 3	BISHOP CR	CALIF	6 600	34 000	NA	809
P	SOUTHERN CALIF EDISON CO	†BISHOP CR NO 2	BISHOP CR	CALIF	7 320	39 000	U	953
I	DAWSON MARGARET P	†WHITE MOUNTAIN	MILNER CR	CALIF	260	150	NA	1 190
M	LOS ANGELES DEPT W AND P	PLEASANT VALLEY	OWENS	CALIF	3 200	15 000	U	76
M	LOS ANGELES DEPT W AND P	CONTROL GORGE	OWENS	CALIF	37 500	133 000	U	781
M	LOS ANGELES DEPT W AND P	MIDDLE GORGE	OWENS	CALIF	37 500	133 000	U	767
M	LOS ANGELES DEPT W AND P	UPPER GORGE	OWENS	CALIF	37 500 260 605	133 000 1 002 950	183	802

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

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SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS 1/	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
P	PUYALLUP RIVER BASIN							
P	PUGET SOUND PWR AND LT CO	WHITE RIVER	WHITE	WASH	70 000	322 200	44	489
P	PUGET SOUND PWR AND LT CO	ELECTRON	PUYALLUP	WASH	25 500	172 300	U	874
					95 500	494 500		
M	NISQUALLY RIVER BASIN							
M	CENTRALIA CITY OF	YELM	NISQUALLY	WASH	9 000	89 000	U	208
M	TACOMA DEPT OF PUB UTILS	LA GRANDE	NISQUALLY	WASH	64 000	330 000	U	419
M	TACOMA DEPT OF PUB UTILS	TALDER	NISQUALLY	WASH	50 000	220 000	231	273
F	NATIONAL PARK SERVICE	LONGMIRE	PARADISE	WASH	800	1 800	U	506
					123 800	640 800		
M	HOOD CANAL BASIN							
M	TACOMA CITY OF	CUSHMAN NO 2	N FK SKOKOMISH	WASH	81 000	220 000	U	480
		CUSHMAN NO 1	N FK SKOKOMISH	WASH	43 200	110 000	360	255
					124 200	330 000		
I	MINOR RIVER BASINS							
I	CROWN ZELLERBACH CORP	ELWA	ELWA	WASH	12 000	60 000	NA	104
I	CROWN ZELLERBACH CORP	TOLINES CANYON	ELWA	WASH	12 000	80 000	26	192
					24 000	140 000		
	<u>PUGET SOUND DRAINAGE TOTAL</u>				<u>1 249 886</u>	<u>5 091 100</u>		
	<u>WASHINGTON COASTAL RIVER DRAINAGE</u>							
C	MINOR RIVER BASINS							
	QUINAUT LIGHT COMPANY	TQUINAUT	ZEIGLER CR	WASH	250	NA	NA	876
					250			
	<u>WASHINGTON COASTAL RIVER DRAINAGE TOTAL</u>				<u>250</u>			
	<u>COLUMBIA RIVER DRAINAGE</u>							
M	COWLITZ RIVER BASIN							
	TACOMA CITY OF	T MAYFIELD	COWLITZ	WASH	120 000	739 000	21	182
					120 000	739 000		
P	LEWIS RIVER BASIN							
P	PACIFIC PWR AND LT CO	TMERWIN	LEWIS	WASH	135 000	539 500	246	185
P	PACIFIC PWR AND LT CO	T YALE	LEWIS	WASH	108 000	528 600	190	247
M	COWLITZ COUNTY PUD NO 1	T SWIFT NO 2	LEWIS	WASH	70 000	240 300	NA	117
P	PACIFIC PWR AND LT CO	T SWIFT NO 1	LEWIS	WASH	204 000	642 000	447	393
					517 000	1 950 400		
I	WILLAMETTE RIVER BASIN							
I	LAKE OSWEGO CORP	LAKE OSWEGO	WILLAMETTE	OREG	500	1 700	NA	NA
P	PORTLAND GENERAL ELEC CO	RIVER MILL	CLACKAMUS	OREG	19 050	104 500	U	82
P	PORTLAND GENERAL ELEC CO	FARADAY	CLACKAMUS	OREG	34 450	191 000	U	133
P	PORTLAND GENERAL ELEC CO	TNORTH FORK	CLACKAMUS	OREG	38 400	213 000	6	135
P	PORTLAND GENERAL ELEC CO	TOAK GROVE	CLACKAMUS	OREG	51 000	245 000	U	879
P	PORTLAND GEN EL CO ET AL	T WILLAMETTE FLS 3	WILLAMETTE	OREG	1 860	14 000	NA	40
M	MC MINNVILLE CITY OF	MC MINNVILLE	BAKER CR	OREG	200	400	NA	230
P	PORTLAND GEN EL CO ET AL	T WILLAMETTE FLS 2	WILLAMETTE	OREG	13 900	30 000	NA	44
P	PORTLAND GEN EL CO ET AL	T WILLAMETTE FLS 1	WILLAMETTE	OREG	15 400	97 000	NA	40
P	PACIFIC PWR AND LT CO	STAYTON	NORTH SANTIAM	OREG	400	4 000	NA	15
F	CORPS OF ENGINEERS	BIG CLIFF RRG	NORTH SANTIAM	OREG	18 000	97 400	U	95
F	CORPS OF ENGINEERS	DETROIT	NORTH SANTIAM	OREG	100 000	367 700	40	371
P	PACIFIC PWR AND LT CO	ALBANY	SOUTH SANTIAM	OREG	800	3 700	NA	36
P	PACIFIC PWR AND LT CO	LEBANON	SOUTH SANTIAM	OREG	144	500	NA	10
M	EUGENE CITY OF	WALTERVILLE	MCKENZIE	OREG	8 000	70 900	NA	56
M	EUGENE CITY OF	LEABURG	MCKENZIE	OREG	13 500	108 900	NA	90
M	EUGENE CITY OF	T TRAIL BRIDGE	MCKENZIE-SMITH	OREG	10 000	40 000	U	88
F	CORPS OF ENGINEERS	T CARMEN-SMITH	MCKENZIE	OREG	80 000	250 000	11	530
F	CORPS OF ENGINEERS	DEXTER RRG	M FK WILLAMETTE	OREG	15 000	75 700	5	58
F	CORPS OF ENGINEERS	LOOKOUT POINT	M FK WILLAMETTE	OREG	120 000	297 600	12	233
F	CORPS OF ENGINEERS	HILLS CREEK	M FK WILLAMETTE	OREG	30 000	162 300	49	320
					570 804	2 375 300		
P	WASHOUGAL RIVER BASIN							
	WESTERN LT AND PWR CO	WASHOUGAL	MCCLUSKY CR	WASH	750	4 500	NA	NA
					750	4 500		
P	SANDY RIVER BASIN							
	PORTLAND GENERAL ELEC CO	BULL RUN	BULL RUN DIV	OREG	21 000	141 000	U	326
					21 000	141 000		
F	COLUMBIA MAIN STREAM							
	CORPS OF ENGINEERS	BONNEVILLE	COLUMBIA	OREG	518 400	4 600 000	87	67
					518 400	4 600 000		
P	WHITE SALMON RIVER BASIN							
	PACIFIC PWR AND LT CO	CONDIT	WHITE SALMON	WASH	9 600	95 200	NA	178
					9 600	95 200		
P	HOOD RIVER BASIN							
	PACIFIC PWR AND LT CO	POWERDALE	HOOD	OREG	6 000	47 500	U	210
					6 000	47 500		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS	NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
F	COLUMBIA MAIN STREAM CORPS OF ENGINEERS	THE DALLES	COLUMBIA	WASH	1 119 000 1 119 000	7 463 500 7 463 500	53	91
P	DESCHUTES RIVER BASIN							
P	PACIFIC PWR AND LT CO	TYGH VALLEY	WHITE	OREG	2 250	13 000	NA	150
P	PORTLAND GENERAL ELEC CO	†PELTON	DESCHUTES	OREG	108 000	400 000	U	151
P	PACIFIC PWR AND LT CO	CLINE FALLS	DESCHUTES	OREG	1 000	5 300	U	43
P	PACIFIC PWR AND LT CO	BEND	DESCHUTES	OREG	1 110 112 360	7 500 425 800	U	17
P	JOHN DAY RIVER BASIN CALIF PACIFIC UTIL CO	†FREMONT	LOST CR	OREG	1 100 1 100	4 100 4 100	NA	1 067
F	COLUMBIA MAIN STREAM CORPS OF ENGINEERS	MCNARY	COLUMBIA	OREG	980 000 980 000	6 176 000 6 176 000	185	92
M	WALLA WALLA RIVER BASIN MILTON FRESHWATER EL UTIL	MILTON UPPER	WALLA WALLA	OREG	1 000 1 000	9 000 9 000	NA	205
F	SNAKE RIVER BASIN CORPS OF ENGINEERS	ICE HARBOR	SNAKE	WASH	270 000	1 840 000	25	103
P	WASHINGTON WTR PWR CO THE	†LEWISTON	CLEARWATER	IDAHO	10 000	81 200	U	36
P	WASHINGTON WTR PWR CO THE	†GRANGEVILLE	S FK CLEARWATER	IDAHO	1 000	4 600	NA	60
P	PACIFIC PWR AND LT CO	†WALLOWA FALLS	E FK WALLOWA	OREG	8 800	8 000	U	800
P	IDAHO POWER CO	†TOXBOW	SNAKE	OREG	190 000	1 108 000	5	120
P	IDAHO POWER CO	†BROWNLEE	SNAKE	IDAHO	360 400	2 400 000	980	277
P	CALIF PACIFIC UTIL CO	†ROCK CREEK	ROCK CR	OREG	800	4 900	NA	936
M	BAKER CITY OF	BAKER	GOODRICH LAKE	OREG	120	1 000	U	744
F	BUREAU OF RECLAMATION	BLACK CANYON	PAYETTE	IDAHO	8 000	78 000	U	93
P	IDAHO POWER CO	CASCADE	N FK PAYETTE	IDAHO	300	2 700	NA	39
F	BUREAU OF RECLAMATION	BOISE DIVERSION	BOISE	IDAHO	1 500	7 000	NA	31
P	ATLANTA POWER CO	ATLANTA	N FK BOISE	IDAHO	150	NA	100	98
F	BUREAU OF RECLAMATION	ANDERSON RANCH	S FK BOISE	IDAHO	27 000	162 000	423	330
P	IDAHO POWER CO	†SWAN FALLS	SNAKE	IDAHO	10 265	96 000	U	24
P	IDAHO POWER CO	LOWER MALAD	MALAD	IDAHO	13 500	105 000	U	161
P	IDAHO POWER CO	UPPER MALAD	MALAD	IDAHO	7 200	64 000	U	129
P	IDAHO POWER CO	†C J STRIKE	SNAKE	IDAHO	82 800	490 000	35	88
P	IDAHO POWER CO	†BLISS	SNAKE	IDAHO	75 000	382 000	U	70
P	IDAHO POWER CO	†LOWER SALMON	SNAKE	IDAHO	60 000	260 000	U	59
P	IDAHO POWER CO	UPPER SALMON A	SNAKE	IDAHO	18 000	165 000	NA	46
P	IDAHO POWER CO	UPPER SALMON B	SNAKE	IDAHO	16 500	145 000	U	37
P	IDAHO POWER CO	THOUSAND SPRINGS	SPRINGS	IDAHO	8 000	62 000	NA	182
P	IDAHO POWER CO	CLEAR LAKE	SPRINGS	IDAHO	2 500	18 000	NA	68
P	IDAHO POWER CO	SHOSHONE FALLS	SNAKE	IDAHO	10 880	100 000	U	214
F	BUREAU OF RECLAMATION	†TWIN FALLS	SNAKE	IDAHO	13 500	67 000	U	147
P	IDAHO POWER CO	MINIDOKA	SNAKE	IDAHO	13 400	94 000	95	48
P	IDAHO POWER CO	AMERICAN FALLS	SNAKE	IDAHO	27 500	140 000	NA	49
P	UTAH POWER AND LIGHT CO	†MALAD CITY	BIRCH CR	IDAHO	200	1 500	NA	510
M	IDAHO FALLS CITY OF	LOWER HYDRO NO 4	SNAKE	IDAHO	3 000	24 000	U	20
M	IDAHO FALLS CITY OF	CITY	SNAKE	IDAHO	2 000	14 000	U	22
P	IDAHO FALLS CITY OF	UPPER	SNAKE	IDAHO	2 400	16 000	U	21
P	FALL RIVER RURAL EL COOP	TETON RIVER	TETON	IDAHO	1 870	9 000	NA	90
P	UTAH POWER AND LIGHT CO	ST ANTHONY	HENRYS FORK	IDAHO	500	3 500	U	10
P	UTAH POWER AND LIGHT CO	ASHTON	HENRYS FORK	IDAHO	5 800	33 000	U	48
I	PONDS LODGE INC	†PONDS LODGE	BUFFALO	IDAHO	200	400	NA	30
F	BUREAU OF RECLAMATION	PALISADES	SNAKE	IDAHO	114 000	650 000	1 200	245
M	LOWER VAL PWR AND LT CO	SALT RIVER	SALT	WYO	600	2 300	U	NA
C	LOWER VAL PWR AND LT CO	†STRAWBERRY	STRAWBERRY CR	WYO	1 500	8 000	U	450
C	LOWER VAL PWR AND LT CO	†AFTON LOWER	SWIFT CR	WYO	180	500	U	68
C	LOWER VAL PWR AND LT CO	†AFTON UPPER	SWIFT CR	WYO	800 1 362 165	2 700 8 650 400	U	193
F	YAKIMA RIVER BASIN BUREAU OF RECLAMATION	CHANDLER	YAKIMA	WASH	12 000	73 000	NA	121
F	WAPATO IRRIGATION DIST	DROP NO 2	YAKIMA	WASH	2 000	6 000	U	30
F	WAPATO IRRIGATION DIST	DROP NO 3	YAKIMA	WASH	1 360	3 000	U	34
P	PACIFIC PWR AND LT CO	NACHES HYDRO	NACHES	WASH	6 370	33 500	U	149
P	PACIFIC PWR AND LT CO	NACHES DROP	NACHES	WASH	1 400	9 600	U	54
F	BUREAU OF RECLAMATION	ROZA	YAKIMA	WASH	11 250 34 380	66 000 191 100	NA	160
M	COLUMBIA MAIN STREAM GRANT COUNTY PUD NO 2	†PRIEST RAPIDS	COLUMBIA	WASH	788 500	4 860 000	44	76
M	GRANT COUNTY PUD NO 2	†WANAPUM	COLUMBIA	WASH	748 125	4 266 000	144	88
M	CHELAN COUNTY PUD NO 1	†ROCK ISLAND	COLUMBIA	WASH	212 100 1 748 725	1 963 100 11 089 100	5	49
I	WENATCHEE RIVER BASIN SMITH JESSE I	†TRINITY	PHELPS CR	WASH	318 318	300 300	NA	625
M	COLUMBIA MAIN STREAM CHELAN COUNTY PUD NO 1	†ROCKY REACH	COLUMBIA	WASH	711 550 711 550	5 000 000 5 000 000	37	98
M	CHELAN RIVER BASIN CHELAN COUNTY PUD NO 1	†CHELAN	CHELAN	WASH	48 000 48 000	403 300 403 300	676	409

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS 1/	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
F	COLUMBIA MAIN STREAM CORPS OF ENGINEERS BUREAU OF RECLAMATION	CHIEF JOSEPH GRAND COULEE	COLUMBIA COLUMBIA	WASH WASH	1 024 000 1 944 000 2 968 000	8 252 000 14 580 000 22 832 000	NA 5 232	179 343
P	SPOKANE RIVER BASIN							
P	WASHINGTON WTR PWR CO THE	LITTLE FALLS	SPOKANE	WASH	32 000	210 000	U	76
P	WASHINGTON WTR PWR CO THE	LONG LAKE	SPOKANE	WASH	70 000	470 000	105	171
P	WASHINGTON WTR PWR CO THE	NINE MILE	SPOKANE	WASH	12 000	110 000	5	65
P	WASHINGTON WTR PWR CO THE	MONROE STREET	SPOKANE	WASH	7 200	59 000	U	68
P	WASHINGTON WTR PWR CO THE	UPPER FALLS	SPOKANE	WASH	1 000	76 000	NA	64
P	SPOKANE CITY OF	UPPER RIVER	SPOKANE	WASH	3 900	31 000	NA	35
P	WASHINGTON WTR PWR CO THE	POST FALLS	SPOKANE	IDAHO	11 250 146 350	80 000 1 030 000	225	56
P	MINOR RIVER BASINS							
P	WASHINGTON WTR PWR CO THE	MEYERS FALLS	COLVILLE	WASH	1 200 1 200	9 000 9 000	NA	125
I	PEND OREILLE RIVER BASIN							
M	PEND OREILLE MINES MTL CO	METALINE FALLS	PEND OREILLE	WASH	3 600	15 000	NA	30
M	PEND OREILLE PUD NO 1	TOBOX CANYON	PEND OREILLE	WASH	60 000	434 600	10	46
M	PEND OREILLE PUD NO 1	DALKENA	CALISPELL CR	WASH	560	2 300	NA	309
F	CORPS OF ENGINEERS	ALBENI FALLS	PEND OREILLE	IDAHO	42 600	248 000	1 153	29
P	WASHINGTON WTR PWR CO THE	TOBINET GORGE	CLARK FORK	IDAHO	200 000	1 158 900	43	97
P	WASHINGTON WTR PWR CO THE	TOXON RAPIDS	CLARK FORK	MONT	282 880	1 950 000	334	152
P	MONTANA POWER CO THE	THOMPSON FALLS	CLARK FORK	MONT	30 000	310 000	15	60
P	MONTANA POWER CO THE	TKERR	FLATHEAD	MONT	168 000	1 100 000	1 217	187
P	PACIFIC PWR AND LT CO	BIG FORK	SWAN	MONT	4 150	31 000	U	105
P	BUREAU OF RECLAMATION	HUNGRY HORSE	S FK FLATHEAD	MONT	285 000	843 000	2 980	477
F	BUREAU OF INDIAN AFFAIRS	BIG CREEK	BIG CR	MONT	360	1 100	U	585
P	MONTANA POWER CO THE	MILLTOWN	CLARK FORK	MONT	3 040	20 000	U	32
P	MONTANA POWER CO THE	FLINT CREEK	FLINT CR	MONT	1 100	8 000	23	717
M	BONNERS FERRY VILLAGE OF	MOYIE NO 2	MOYIE	IDAHO	2 000	10 000	NA	200
M	BONNERS FERRY VILLAGE OF	MOYIE NO 1	MOYIE	IDAHO	380	2 000	NA	168
P	MONTANA LT AND PWR CO	TROY	LAKE CR	MONT	4 500 1 088 170	25 000 6 158 900	NA	161
<u>COLUMBIA RIVER DRAINAGE TOTAL</u>					<u>12 085 872</u>	<u>79 401 400</u>		
<u>OREGON COASTAL RIVER DRAINAGE</u>								
P	UMPQUA RIVER BASIN							
P	PACIFIC PWR AND LT CO	WINCHESTER	NORTH UMPQUA	OREG	1 500	3 900	NA	14
P	PACIFIC PWR AND LT CO	TOODA SPRINGS	NORTH UMPQUA	OREG	11 000	55 000	U	114
P	PACIFIC PWR AND LT CO	SLIDE CREEK	NORTH UMPQUA	OREG	18 000	96 000	U	169
P	PACIFIC PWR AND LT CO	TOKETEE FALLS	NORTH UMPQUA	OREG	42 500	220 000	NA	448
P	PACIFIC PWR AND LT CO	FISH CREEK	NORTH UMPQUA	OREG	11 000	67 800	U	1 032
P	PACIFIC PWR AND LT CO	CLEARWATER NO 2	CLEARWATER	OREG	26 000	85 200	U	760
P	PACIFIC PWR AND LT CO	CLEARWATER NO 1	CLEARWATER	OREG	15 000	54 000	U	651
P	PACIFIC PWR AND LT CO	LEMOLO NO 2	NORTH UMPQUA	OREG	33 000	187 200	U	728
P	PACIFIC PWR AND LT CO	LEMOLO NO 1	NORTH UMPQUA	OREG	29 000 186 000	123 700 894 000	12	756
I	ROGUE RIVER BASIN							
P	IDEAL CEMENT CO	GOLD HILL	ROGUE	OREG	2 500	11 000	NA	NA
P	PACIFIC PWR AND LT CO	GOLD RAY	ROGUE	OREG	1 500	10 500	U	16
M	ASHLAND CITY OF	ASHLAND	ASHLAND CR	OREG	300	2 500	U	425
F	BUREAU OF RECLAMATION	GREEN SPRINGS	EMIGRANT CR	OREG	16 000	63 000	U	1 984
P	PACIFIC PWR AND LT CO	EAGLE POINT	LITTLE BUTTE CR	OREG	2 813	20 000	NA	NA
P	PACIFIC PWR AND LT CO	PROSPECT NO 3	S FK ROGUE	OREG	7 200	50 000	U	720
P	PACIFIC PWR AND LT CO	PROSPECT NO 1	N FK ROGUE	OREG	3 760	25 000	U	495
P	PACIFIC PWR AND LT CO	PROSPECT NO 2	N FK ROGUE	OREG	32 000	275 000	U	607
P	PACIFIC PWR AND LT CO	PROSPECT NO 4	N FK ROGUE	OREG	1 000 67 073	8 200 465 200	U	112
<u>OREGON COASTAL RIVER DRAINAGE TOTAL</u>					<u>253 073</u>	<u>1 359 200</u>		
<u>NORTH PACIFIC MAJOR DRAINAGE TOTAL</u>					<u>13 589 081</u>	<u>85 851 700</u>		
<u>SOUTH PACIFIC MAJOR DRAINAGE</u>								
<u>NORTHERN CALIFORNIA COASTAL RIVER DRAINAGE</u>								
I	KLAMATH RIVER BASIN							
P	SWANSON MINING CORP	TO SALTER	TRINITY	CALIF	1 600	NA	NA	NA
P	BUREAU OF RECLAMATION	LEWISTON	TRINITY	CALIF	350	2 600	U	60
P	PACIFIC GAS AND ELEC CO	TO JUNCTION CITY	CANYON CREEK DIV	CALIF	2 720	10 000	U	602
P	PACIFIC PWR AND LT CO	IRON GATE	KLAMATH	CALIF	18 000	150 000	19	158
P	PACIFIC PWR AND LT CO	FALL CREEK	FALL CR	CALIF	2 200	12 800	NA	730
P	PACIFIC PWR AND LT CO	COPCO NO 2	KLAMATH	CALIF	27 000	139 000	6	152
P	PACIFIC PWR AND LT CO	COPCO NO 1	KLAMATH	CALIF	20 000	106 000	6	125
P	PACIFIC PWR AND LT CO	TO JOHN C BOYLE	KLAMATH	OREG	79 990	368 000	U	463
P	PACIFIC PWR AND LT CO	WEST SIDE	KLAMATH	OREG	600	5 000	88	48
P	PACIFIC PWR AND LT CO	EAST SIDE	LINK	OREG	3 200 195 660	20 000 804 400	438	49
P	RUSSIAN RIVER BASIN							
P	PACIFIC GAS AND ELEC CO	TO POTTER VALLEY	S FK EEL DIV	CALIF	9 040 9 040	61 000 61 000	U	476
<u>NORTHERN CALIFORNIA COASTAL RIVER DRAINAGE TOTAL</u>					<u>164 700</u>	<u>865 400</u>		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS 1/	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
<u>SACRAMENTO RIVER DRAINAGE</u>								
F	AMERICAN RIVER BASIN							
F	BUREAU OF RECLAMATION	NIMBUS	AMERICAN	CALIF	13 500	70 800		41
F	BUREAU OF RECLAMATION	FOLSON	AMERICAN	CALIF	162 000	658 000	912	340
F	PACIFIC GAS AND ELEC CO	†AMERICAN RIVER	S FK AMERICAN	CALIF	5 477	29 600		373
M	SACRAMENTO M U D	†CAMINO	SILVER CREEK DIV	CALIF	71 250	263 000		1 067
M	PACIFIC GAS AND ELEC CO	†EL DORADO	S FK AMERICAN	CALIF	20 000	97 900		1 910
M	SACRAMENTO M U D	†JAYBIRD	SILVER CR	CALIF	133 000	505 000		1 549
P	PACIFIC GAS AND ELEC CO	WISE	AUBURN RAVINE	CALIF	12 000	89 900		519
P	PACIFIC GAS AND ELEC CO	HALSEY	DRY CR	CALIF	12 000	66 000	8	331
					429 227	1 780 200		
<u>FEATHER RIVER BASIN</u>								
P	PACIFIC GAS AND ELEC CO	DUTCH FLAT	BEAR	CALIF	22 000	125 000	U	643
P	PACIFIC GAS AND ELEC CO	ALTA	BEAR	CALIF	2 000	6 400	U	660
P	PACIFIC GAS AND ELEC CO	†DRUM NO 1	S FK YUBA DIV	CALIF	48 000	245 000	U	1 375
P	PACIFIC GAS AND ELEC CO	†DEER CREEK	DEER CR	CALIF	5 500	30 600	U	837
P	PACIFIC GAS AND ELEC CO	†NARROWS	YUBA	CALIF	9 350	72 000	45	240
P	PACIFIC GAS AND ELEC CO	†SPAULDING NO 2	S FK YUBA	CALIF	3 710	20 000	24	344
P	PACIFIC GAS AND ELEC CO	†SPAULDING NO 1	S FK YUBA	CALIF	6 400	38 000	50	197
P	PACIFIC GAS AND ELEC CO	†SPAULDING NO 3	S FK YUBA	CALIF	6 300	25 100	U	318
P	PACIFIC GAS AND ELEC CO	COLGATE	YUBA	CALIF	24 000	150 000		820
P	PACIFIC GAS AND ELEC CO	†BULLARDS BAR	N FK YUBA	CALIF	6 500	39 600	10	166
M	OROVILLE WYANDOTTE I D S	†KELLY RIDGE	S FK FEATHER	CALIF	9 900	48 000		668
M	OROVILLE WYANDOTTE I D S	†FORBESTOWN	S FK FEATHER	CALIF	28 800	110 000	U	835
M	OROVILLE WYANDOTTE I D S	†WOODLEAF	S FK FEATHER	CALIF	52 200	176 000	U	1 495
I	GRAEAGLE LAND & WATER CO	†GRAEAGLE	GRAY EAGLE CR	CALIF	300	700		526
P	PACIFIC GAS AND ELEC CO	COAL CANYON	M MIOCENE CAN	CALIF	800	7 500	U	350
P	PACIFIC GAS AND ELEC CO	LIME SADDLE	W BR N FK FEATHR	CALIF	1 600	11 000	U	462
P	PACIFIC GAS AND ELEC CO	BIG BEND	N FK FEATHER	CALIF	52 800	490 000	U	465
P	PACIFIC GAS AND ELEC CO	†POE	N FK FEATHER	CALIF	124 200	542 200	U	477
P	PACIFIC GAS AND ELEC CO	†CRESTA	N FK FEATHER	CALIF	67 500	334 500	U	290
P	PACIFIC GAS AND ELEC CO	†ROCK CREEK	N FK FEATHER	CALIF	113 400	522 600	U	535
P	PACIFIC GAS AND ELEC CO	†BUCKS CREEK	N FK FEATHER	CALIF	66 000	241 300	U	2 558
P	PACIFIC GAS AND ELEC CO	†CARIBOU NO 1 & 2	N FK FEATHER	CALIF	184 800	541 800	33	1 150
P	PACIFIC GAS AND ELEC CO	†BUTT VALLEY	BUTT CREEK	CALIF	36 000	126 900	638	342
P	PACIFIC GAS AND ELEC CO	HAMILTON BRANCH	HAMILTON BRANCH	CALIF	5 390	15 800	U	410
					877 450	3 920 000		
<u>MINOR RIVER BASINS</u>								
P	PACIFIC GAS AND ELEC CO	CENTERVILLE	BUTTE CREEK	CALIF	6 400	43 800	U	577
P	PACIFIC GAS AND ELEC CO	NEW DESABLA	W BR N FK FEATHR	CALIF	18 450	120 000	U	1 530
P	PACIFIC GAS AND ELEC CO	COLEMAN	BATTLE CR	CALIF	13 800	56 800	U	482
P	PACIFIC GAS AND ELEC CO	INSKIP	S FK BATTLE CR	CALIF	6 000	37 900	U	378
P	PACIFIC GAS AND ELEC CO	SOUTH	S FK BATTLE CR	CALIF	4 000	36 000	U	516
P	PACIFIC GAS AND ELEC CO	VOLTA	MILLSEAT CR	CALIF	6 400	39 600	U	1 254
P	PACIFIC GAS AND ELEC CO	COW CREEK	S FK COW CREEK	CALIF	1 440	12 000	U	715
P	PACIFIC GAS AND ELEC CO	KILARC	N FK COW CR	CALIF	3 000	22 000	U	1 150
					39 490	368 100		
<u>CLEAR CREEK BASIN</u>								
F	BUREAU OF RECLAMATION	CLEAR CREEK PH	TRINITY R DIV	CALIF	134 000	440 000	U	712
					134 000	440 000		
<u>SACRAMENTO MAIN STREAM</u>								
F	BUREAU OF RECLAMATION	KESWICK	SACRAMENTO	CALIF	75 000	346 800		101
F	BUREAU OF RECLAMATION	SHASTA	SACRAMENTO	CALIF	375 000	1 720 000	3 993	480
					450 000	2 066 800		
<u>PIT RIVER BASIN</u>								
P	PACIFIC GAS AND ELEC CO	†PIT NO 5	PIT	CALIF	128 000	836 000	U	630
P	PACIFIC GAS AND ELEC CO	†PIT NO 4	PIT	CALIF	90 000	452 200	U	382
P	PACIFIC GAS AND ELEC CO	†PIT NO 3	PIT	CALIF	74 790	385 400	8	315
P	PACIFIC GAS AND ELEC CO	HAT CREEK NO 2	HAT CR	CALIF	10 000	39 300	U	198
P	PACIFIC GAS AND ELEC CO	HAT CREEK NO 1	HAT CR	CALIF	10 000	19 300	U	217
P	PACIFIC GAS AND ELEC CO	PIT NO 1	FALL DIV	CALIF	56 000	264 100	U	454
					368 790	1 966 300		
<u>SACRAMENTO RIVER DRAINAGE TOTAL</u>					2 318 957	10 541 400		
<u>SAN JOAQUIN RIVER DRAINAGE</u>								
<u>MOKELUMNE RIVER BASIN</u>								
M	EAST BAY MUN UTIL DIST	PARDEE	MOKELUMNE	CALIF	15 000	81 000	194	327
P	PACIFIC GAS AND ELEC CO	†NEW ELECTRA	MOKELUMNE	CALIF	89 100	347 200	U	1 268
P	PACIFIC GAS AND ELEC CO	†WEST POINT	N FK MOKELUMNE	CALIF	13 600	87 600	U	312
P	PACIFIC GAS AND ELEC CO	†TIGER CREEK	N FK MOKELUMNE	CALIF	51 000	352 200	NA	1 219
P	PACIFIC GAS AND ELEC CO	†SALT SPRINGS 1	N FK MOKELUMNE	CALIF	9 350	50 000	128	255
P	PACIFIC GAS AND ELEC CO	†SALT SPRINGS 2	N FK MOKELUMNE	CALIF	29 700	125 600	47	2 109
					207 750	1 044 600		
<u>STANISLAUS RIVER BASIN</u>								
M	OAKDALE S S JOAQUIN I D	†TULLOCH	STANISLAUS	CALIF	17 100	80 000	56	145
P	PACIFIC GAS AND ELEC CO	†MELONES	STANISLAUS	CALIF	24 300	102 300	102	230
P	PACIFIC GAS AND ELEC CO	ANGELS	ANGELS CR	CALIF	1 400	6 200	U	448
P	PACIFIC GAS AND ELEC CO	†MURPHYS	N FK STANLS DIV	CALIF	3 600	16 000	U	685
P	PACIFIC GAS AND ELEC CO	PHOENIX	S FK STANLS DIV	CALIF	1 600	10 000	U	1 087
P	PACIFIC GAS AND ELEC CO	†STANISLAUS	M FK STANISLAUS	CALIF	81 900	376 000	U	1 525
P	PACIFIC GAS AND ELEC CO	†SPRING GAP	S FK STANLS DIV	CALIF	6 000	48 500	U	1 865
M	OAKDALE S S JOAQUIN I D	†GARDENSLEY	M FK STANISLAUS	CALIF	51 000	275 000	78	264
M	OAKDALE S S JOAQUIN I D	†DONNELLS	M FK STANISLAUS	CALIF	54 000	275 000	62	1 484
					199 890	967 500		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS 1/	DRAINAGE AND RIVER BASIN	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	NAME OF OWNER				KW			
M	TUOLUMNE RIVER BASIN	LA GRANGE	TUOLUMNE	CALIF	3 900	18 000	NA	117
M	TURLOCK MODESTO IRRIG DIS	DON PEDRO	TUOLUMNE	CALIF	26 990	200 000	262	261
M	SAN FRANCISCO UTILS COMM	MOCCASIN CREEK	TUOLUMNE DIV	CALIF	70 000	520 000	U	1 316
M	SAN FRANCISCO UTILS COMM	EARLY INTAKE	CHERRY CR	CALIF	3 600	0	U	343
M	SAN FRANCISCO UTILS COMM	CHERRY CREEK	CHERRY CR	CALIF	135 000	600 000	40	2 481
					239 490	1 338 000		
P	MERCER RIVER BASIN	MERCED FALLS	MERCED	CALIF	3 440	14 000	U	26
P	PACIFIC GAS AND ELEC CO	MERCED IRRIG DIST	MERCED	CALIF	31 250	128 500	276	300
F	NATIONAL PARK SERVICE	YOSEMITE	MERCED	CALIF	2 000	13 200	NA	356
					36 690	155 700		
P	SAN JOAQUIN MAIN STREAM	↑KERCCKHOFF	SAN JOAQUIN	CALIF	34 080	264 100	U	350
	PACIFIC GAS AND ELEC CO				34 080	264 100		
P	WILLOW CREEK BASIN	↑WISHON A G	N FK WILLOW CR	CALIF	12 800	94 200	U	1 412
P	PACIFIC GAS AND ELEC CO	↑SAN JOAQUIN NO 1A	N FK WILLOW CR	CALIF	340	1 700	U	49
P	PACIFIC GAS AND ELEC CO	↑SAN JOAQUIN NO 2	N FK WILLOW CR	CALIF	2 400	14 000	U	307
P	PACIFIC GAS AND ELEC CO	↑SAN JOAQUIN NO 3	N FK WILLOW CR	CALIF	4 000	17 500	U	405
P	PACIFIC GAS AND ELEC CO	↑CRANE VALLEY	N FK WILLOW CR	CALIF	800	3 200	45	90
					20 340	130 600		
P	SAN JOAQUIN MAIN STREAM	↑BIG CREEK NO 4	SAN JOAQUIN	CALIF	84 000	428 000	26	416
P	SOUTHERN CALIF EDISON CO	↑BIG CREEK NO 3	SAN JOAQUIN	CALIF	106 500	779 000	U	827
P	SOUTHERN CALIF EDISON CO	↑BIG CREEK NO 8	SAN JOAQUIN	CALIF	38 500	337 000	U	713
					269 000	1 544 000		
P	BIG CREEK BASIN	↑BIG CREEK NO 2A	BIG CR	CALIF	80 000	387 000	135	2 418
P	SOUTHERN CALIF EDISON CO	↑BIG CREEK NO 2	BIG CR	CALIF	57 750	491 000	U	1 858
P	SOUTHERN CALIF EDISON CO	↑BIG CREEK NO 1	BIG CR	CALIF	67 000	521 000	89	2 131
P	SOUTHERN CALIF EDISON CO	↑PORTAL	BIG CR	CALIF	10 000	51 000	U	230
					214 750	1 410 000		
P	SAN JOAQUIN MAIN STREAM	↑MAMMOTH POOL	SAN JOAQUIN	CALIF	129 360	546 000	120	1 100
	SOUTHERN CALIF EDISON CO				129 360	546 000		
	<u>SAN JOAQUIN RIVER DRAINAGE TOTAL</u>				<u>1 331 350</u>	<u>7 402 500</u>		
	<u>CALIFORNIA BASIN DRAINAGE</u>							
P	KINGS RIVER BASIN	↑KINGS RIVER	N FK KINGS	CALIF	44 100	157 000	U	798
P	PACIFIC GAS AND ELEC CO	↑BALCH	N FK KINGS	CALIF	128 200	406 100	U	2 389
P	PACIFIC GAS AND ELEC CO	↑HAAS	N FK KINGS	CALIF	135 000	355 700	128	2 444
					307 300	918 800		
P	MINOR RIVER BASINS	KAWEAH NO 2	KAWEAH	CALIF	1 800	13 000	U	367
P	SOUTHERN CALIF EDISON CO	KAWEAH NO 3	KAWEAH	CALIF	2 800	25 000	U	775
P	SOUTHERN CALIF EDISON CO	KAWEAH NO 1	KAWEAH	CALIF	2 250	16 000	U	1 326
P	SOUTHERN CALIF EDISON CO	↑LOWER TULE	TULE	CALIF	2 000	19 000	U	1 140
P	PACIFIC GAS AND ELEC CO	↑TULE RIVER	M FK TULE	CALIF	4 800	26 500	U	1 532
					13 650	99 500		
P	KERN RIVER BASIN	↑KERN CANYON	KERN	CALIF	8 480	47 200	U	260
P	PACIFIC GAS AND ELEC CO	↑KERN RIVER NO 1	KERN	CALIF	16 000	173 000	U	877
P	SOUTHERN CALIF EDISON CO	↑BUREL	ESCONDIDO CR	CALIF	9 200	64 000	492	270
P	SOUTHERN CALIF EDISON CO	KERN RIVER NO 3	KERN	CALIF	32 000	200 000	U	821
					65 680	484 200		
	<u>CALIFORNIA BASIN DRAINAGE TOTAL</u>				<u>386 630</u>	<u>1 502 500</u>		
	<u>SOUTHERN CALIFORNIA COASTAL RIVER DRAINAGE</u>							
M	MINOR RIVER BASINS	↑AZUSA	SAN GABRIEL	CALIF	3 000	10 000	NA	401
P	PASADENA CITY OF	ONTARIO NO 1	SAN ANTONIO CR	CALIF	600	4 800	U	700
P	SOUTHERN CALIF EDISON CO	SIERRA	SAN ANTONIO CR	CALIF	480	4 000	U	628
P	SOUTHERN CALIF EDISON CO	ONTARIO NO 2	SAN ANTONIO CR	CALIF	340	1 100	U	NA
P	SOUTHERN CALIF EDISON CO	FONTANA	LYTLE CR	CALIF	1 920	8 000	U	658
P	SOUTHERN CALIF EDISON CO	↑LYTLE CREEK	LYTLE CR	CALIF	400	4 000	U	483
P	SOUTHERN CALIF EDISON CO	MILL CREEK NO 1	MILL CR	CALIF	800	4 700	U	510
P	SOUTHERN CALIF EDISON CO	↑MILL CREEK NO 2	MILL CR	CALIF	200	2 500	U	620
P	SOUTHERN CALIF EDISON CO	↑MILL CREEK NO 3	MILL CR	CALIF	1 800	14 000	U	1 911
P	SOUTHERN CALIF EDISON CO	↑SANTA ANA NO 3	SANTA ANA	CALIF	1 200	7 000	U	354
P	SOUTHERN CALIF EDISON CO	↑SANTA ANA NO 2	SANTA ANA	CALIF	800	8 000	U	310
P	SOUTHERN CALIF EDISON CO	↑SANTA ANA NO 1	SANTA ANA	CALIF	3 200	18 000	U	726
P	ESCONDIDO MUTUAL WATER CO	↑RINCON POWER	ESCONDIDO CR DIV	CALIF	240	300	U	824
P	ESCONDIDO MUTUAL WATER CO	↑BEAR VALLEY	ESCONDIDO CR	CALIF	520	4 800	7	400
P	CALIFORNIA ELEC PWR CO	↑SAN GORGONIO NO 2	SAN GORGONIO CR	CALIF	750	1 500	NA	898
P	CALIFORNIA ELEC PWR CO	↑SAN GORGONIO NO 1	SAN GORGONIO CR	CALIF	1 500	3 000	NA	1 775
					17 730	95 500		
	<u>SOUTHERN CALIFORNIA COASTAL RIVER DRAINAGE TOTAL</u>				<u>17 730</u>	<u>95 500</u>		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	SOUTH PACIFIC MAJOR DRAINAGE TOTAL				4 219 367	20 407 300		
	<u>COLORADO MAJOR DRAINAGE</u>							
	GILA RIVER BASIN							
M	SALT R PROJ AG IMP P DIST	CROSS CUT	CROSS CUT CANAL	ARIZ	3 000	7 000	U	116
M	SALT R PROJ AG IMP P DIST	SOUTH CONSOL	CONSOLIDATED CAN	ARIZ	800	4 500	U	34
P	ARIZ PUBLIC SERVICE CO	†CHILD	FOSSIL CR DIV	ARIZ	5 400	24 000	NA	1 075
P	ARIZ PUBLIC SERVICE CO	†IRVING	FOSSIL CR	ARIZ	1 600	11 000	U	482
M	SALT R PROJ AG IMP P DIST	STEWART MOUNTAIN	SALT	ARIZ	10 400	23 000	U	67
M	SALT R PROJ AG IMP P DIST	MORMON FLAT	SALT	ARIZ	7 000	35 000	55	131
M	SALT R PROJ AG IMP P DIST	HORSE MESA	SALT	ARIZ	30 000	125 000	232	266
M	SALT R PROJ AG IMP P DIST	ROOSEVELT	SALT	ARIZ	19 290	60 000	1 382	226
F	BUREAU OF INDIAN AFFAIRS	COOLIDGE	GILA	ARIZ	10 000	6 500	1 164	204
					87 490	298 100		
F	YUMA CANAL BUREAU OF RECLAMATION	SIPHON DROP	YUMA CANAL	CALIF	1 600 1 600	13 000 13 000	NA	15
	ALL AMERICAN CANAL							
M	IMPERIAL IRRIGATION DIST	DROP NO 4	ALL AMERICAN CAN	CALIF	19 600	120 000	U	51
M	IMPERIAL IRRIGATION DIST	DROP NO 3	ALL AMERICAN CAN	CALIF	8 800	49 000	U	25
M	IMPERIAL IRRIGATION DIST	DROP NO 2	ALL AMERICAN CAN	CALIF	10 000	60 000	U	26
		PILOT KNOB	ALL AMERICAN CAN	CALIF	33 000 67 400	50 000 279 000	U	55
	COLORADO MAIN STREAM BUREAU OF RECLAMATION	PARKER	COLORADO	CALIF	120 000	659 600	218	78
F	BUREAU OF RECLAMATION	DAVIS	COLORADO	ARIZ	225 000	1 178 000	1 810	135
F	BUREAU OF RECLAMATION	HOOVER †	COLORADO	ARIZ	667 500	2 190 000	27 144	530
F	BUREAU OF RECLAMATION	HOOVER †	COLORADO	NEV	672 500	2 190 000	27 144	530
					1 685 000	6 217 600		
	VIRGIN RIVER BASIN							
P	CALIF PACIFIC UTIL CO	GUNLOCK NO 1	SANTA CLARA	UTAH	750	2 400	U	470
P	CALIF PACIFIC UTIL CO	VEYO NO 3	SANTA CLARA	UTAH	640	2 600	U	370
P	CALIF PACIFIC UTIL CO	VEYO NO 2	SANTA CLARA	UTAH	500	2 000	U	330
M	ST GEORGE CITY CORP	ST GEORGE	COTTONWOOD CR	UTAH	500	1 200	NA	NA
P	CALIF PACIFIC UTIL CO	LA VERKIN NO 4	VIRGIN	UTAH	1 000 3 390	5 000 13 200	U	216
	SAN JUAN RIVER BASIN WESTERN COLORADO P CO THE LA PLATA ELEC ASSN INC	†TACOMA PAGOSA SPRINGS	ANIMAS SAN JUAN	COLO COLO	8 000 200 8 200	21 600 400 22 000	23 NA	983 NA
	MINOR RIVER BASINS GARKANE POWER ASSN INC GARKANE POWER ASSN INC	†BOULDER CREEK TORREY	BOULDER CR FREMONT	UTAH UTAH	4 125 300 4 425	23 000 1 500 24 500	NA NA	1 527 NA
	GREEN RIVER BASIN UINTAH POWER AND LIGHT CO MOON LAKE ELEC ASSN INC UTAH POWER AND LIGHT CO BUREAU OF RECLAMATION	†UINTAH †YELLOWSTONE VERNAL FLAMING GORGE	UINTAH YELLOWSTONE CR ASHLEY CR GREEN	UTAH UTAH UTAH UTAH	1 200 1 050 250 72 000 74 500	7 500 6 500 1 000 320 000 335 000	NA U U 3 516	450 250 84 446
	DOLORES RIVER BASIN WESTERN COLORADO P CO THE	†NEW AMES	LAKE FORK	COLO	3 600 3 600	13 000 13 000	U	911
	GUNNISON RIVER BASIN REDLANDS WATER AND PWR CO WESTERN COLORADO P CO THE	REDLANDS †OURAY	GUNNISON UNCOMPAGRE	COLO COLO	1 400 432 1 832	9 000 3 500 12 500	NA U	35 432
	COLORADO MAIN STREAM BUREAU OF RECLAMATION	GRAND VALLEY	COLORADO	COLO	3 000 3 000	21 000 21 000	NA	80
	MINOR RIVER BASINS BUREAU OF RECLAMATION UPPER MOLINA ASPEN ELECTRIC DEPT	LOWER MOLINA UPPER MOLINA ASPEN	COLBRAN PIPELINE COLBRAN PIPELINE CASTLE MAROON CR	COLO COLO COLO	4 860 2 640 1 200 14 700	25 000 43 000 2 000 70 000	6 6 NA	1 614 2 688 18
	COLORADO MAIN STREAM PUBLIC SERVICE CO OF COLO	SHOSHONE	COLORADO	COLO	14 400 14 400	105 000 105 000	U	170
	EAGLE RIVER BASIN NEW JERSEY ZINC CO	EAGLE	FALL CR	COLO	358 358	980 980	NA	625
	MINOR RIVER BASINS BUREAU OF RECLAMATION DENVER CITY AND COUNTY	GREEN MOUNTAIN WILLIAMS FORK	BLUE WILLIAMS FORK	COLO COLO	21 600 3 000 24 600	69 500 9 000 78 500	147 NA	261 196
	<u>COLORADO MAJOR DRAINAGE TOTAL</u>				<u>1 994 495</u>	<u>7 503 380</u>		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS /	DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
<u>ALASKA MAJOR DRAINAGE</u>								
P	YUKON RIVER BASIN CHATANIKA PWR CO INC	†CHATANIKA	CHATANIKA TANANA	ALSKA	5 625 5 625	17 800 17 800	NA	555
<u>MINOR RIVER BASINS</u>								
F	BUREAU OF RECLAMATION	EKLUTNA	EKLUTNA	ALSKA	30 000	157 000	150	848
C	CHUGACH ELEC ASSN INC	†COOPER LAKE	COOPER CR	ALSKA	15 000	39 000	82	760
I	SAN JUAN FISHING & PKG CO	†SAN JUAN	SAN JUAN LAKE	ALSKA	100	100	NA	300
I	CALVERT CORPORATION	†HANLEY CREEK	HANLEY CREEK	ALSKA	250	140	NA	300
I	DAY MRS O B	†DAYVILLE	ALLISON CR	ALSKA	200	200	NA	168
I	STELLING HARVEY F	†SOLOMON GULCH	SOLOMON CR	ALSKA	150 45 700	500 196 940	U	430
P	TAIYA RIVER BASIN COMMUNITY UTILITIES INC	†SKAGWAY DEWEY	DEWEY LAKES	ALSKA	300 300	1 000 1 000	NA	450
<u>MINOR RIVER BASINS</u>								
I	A J INDUSTRIES INC	NUGGET CREEK	NUGGET CREEK	ALSKA	3 000	1 500	NA	490
I	A J INDUSTRIES INC	240 FOOT	FISH CREEK DITCH	ALSKA	1 012	500	U	518
I	A J INDUSTRIES INC	SHEEP CREEK	SHEEP CR	ALSKA	2 225	1 000	U	600
P	ALASKA EL LT AND PWR CO	GOLD CREEK	GOLD CR	ALSKA	1 600	6 800	U	225
I	A J INDUSTRIES INC	SALMON CREEK NO 1	LOWER SALMON CR	ALSKA	2 800	3 000	7	402
I	A J INDUSTRIES INC	SALMON CREEK NO 2	UPPER SALMON CR	ALSKA	2 800	5 000	12	775
I	A J INDUSTRIES INC	ANNEX CREEK	ANNEX CR	ALSKA	3 500	6 000	23	830
I	ALASKA METALS AND PWR CO	MILL CREEK	MILL CR	ALSKA	200 17 137	500 24 300	NA	100
<u>CHICHAGOF ISLAND RIVER BASINS</u>								
I	CHICHAGOF MINING CO	†RUST LAKE	SIMMONS CR	ALSKA	800	4 000	NA	328
I	PELICAN UTILITY CO	†PELICAN	LISIANSKE INLET	ALSKA	500 1 300	2 000 6 000	NA	120
<u>BARANOF ISLAND RIVER BASINS</u>								
M	SITKA CITY OF	†BLUE LAKE	MEDVETCHA	ALSKA	6 000	30 000	113	350
I	ALASKA LMBR PULP CO INC	†PULP MILL	MEDVETCHA	ALSKA	900 6 900	6 500 36 500	NA	184
<u>KUPREANOF ISLAND RIVER BASINS</u>								
M	PETERSBURG TOWN OF	†BLIND RIVER	CRYSTAL LAKE	ALSKA	2 400 2 400	6 000 6 000	U	1 027
<u>REVILLAGIGEDO ISLAND RIVER BASINS</u>								
M	KETCHIKAN CITY OF	†BEAVER FALLS	BEAVER FALLS CR	ALSKA	4 000	24 000	16	809
M	KETCHIKAN CITY OF	†KETCHIKAN	KETCHIKAN CR	ALSKA	4 200 8 200	12 000 36 000	U	265
<u>ANNETTE ISLAND RIVER BASINS</u>								
M	METLAKATLA INDIAN COMUNITY	PURPLE LAKE	PURPLE LAKE	ALSKA	2 000 2 000	4 000 4 000	NA	340
<u>ALASKA MAJOR DRAINAGE TOTAL</u>					<u>89 562</u>	<u>328 540</u>		
<u>HAWAII MAJOR DRAINAGE</u>								
<u>HAWAII ISLAND RIVER BASINS</u>								
P	HILO ELEC LT CO	PUUEO	WAILUKU	H I	2 250	19 000	U	400
P	HILO ELEC LT CO	WAI'AU	WAILUKU	H I	1 150	9 200	U	322
I	ONOMEA SUGAR CO LTD	ONOMEA	WAILUKU	H I	125	600	NA	207
I	HAKALAU SUGAR CO	HAKALAU	WAILUKU	H I	150	100	NA	477
I	PAUHAU SUGAR CO	PAUHAU	LOWER HAMAKUA	H I	146	900	NA	473
I	HONOKAA SUGAR CO	HONOKAA	LOWER HAMAKUA	H I	800	500	NA	415
I	KOHALA SUGAR CO	UNION	—	H I	500	300	NA	NA
I	KOHALA SUGAR CO	HAWI	KEHALA DITCH	H I	350	4 800	NA	NA
I	PIONEER MILL CO LTD	KAU'AU	KAU'AU	H I	500	2 000	NA	533
P	HAWAIIAN COM & SUG C	PA'IA	WAILOA DITCH	H I	800	500	NA	280
P	HAWAIIAN COM & SUG C	KEHEKA	WAILOA DITCH	H I	4 000 10 771	25 000 62 900	NA	616
<u>KAUAI ISLAND RIVER BASINS</u>								
I	MCBRYDE SUGAR CO LTD	WAINIHA	WAINIHA	H I	3 600	24 000	NA	560
I	KEKAHA SUGAR CO LTD	WAI'MEA	WAI'MEA	H I	500	1 800	NA	NA
I	KEKAHA SUGAR CO LTD	WAI'AMA	WAI'AMA	H I	1 000	3 600	NA	NA
I	OLOKELE SUGAR CO LTD	NONPPAHU	MAKAWELI	H I	500	3 000	NA	NA
I	MCBRYDE SUGAR CO LTD	KALAHEO	ALEXANDER RES	H I	1 000	2 100	NA	700
I	GROVE FARM CO LTD	GROVE FARM	WAIHAHANU	H I	216	200	U	150
I	LIHUE PLANTATION CO	LOWER LIHUE	S. FK WAILUA	H I	800	5 000	NA	NA
I	LIHUE PLANTATION CO	UPPER LIHUE	WAIHAI	H I	500 8 116	3 000 42 700	NA	560
<u>HAWAII MAJOR DRAINAGE TOTAL</u>					<u>18 887</u>	<u>105 600</u>		
<u>UNITED STATES TOTAL</u>					<u>40 230 291</u>	<u>201 918 565</u>		

SEE FOOTNOTES AT END OF TABLE.

TABLE 2 (Contd) - EXISTING By Major Drainages and River Basins

CLASS 1/ SYN	DRAINAGE AND RIVER BASIN	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	NAME OF OWNER							

- 1/ CLASS OF OWNERSHIP:
 F - FEDERALLY-OWNED PLANT.
 P - PRIVATELY-OWNED PLANT.
 M - NON-FEDERAL PUBLICLY-OWNED PLANT.
 C - COOPERATIVELY-OWNED PLANT.
 I - INDUSTRIALLY-OWNED PLANT.
- 2/ CAPACITIES LISTED INCLUDE MAIN GENERATING UNITS ONLY. SEVERAL PLANTS ALSO HAVE AUXILIARY GENERATING CAPACITY. SEE TABLE 6, PAGE 60.
- 3/ PLANT ALSO HAS REVERSIBLE GENERATING EQUIPMENT IN ADDITION TO THAT SHOWN. SEE DISCUSSION OF PUMPED STORAGE PROJECTS IN THE TEXT.
- † PLANT UNDER FPC LICENSE. FOR SEPARATE LISTING OF LICENSED PLANTS BY FPC PROJECT NUMBER, SEE TABLE 11, PAGE 143.
- * PLANT LOCATED IN TWO STATES. INSTALLED CAPACITY AND GENERATION DIVIDED BETWEEN STATES AS LISTED. USABLE POWER STORAGE CAPACITY AND GROSS STATIC HEAD SHOWN ARE THE TOTAL FOR THE SITE.
- U. USABLE POWER STORAGE CAPACITY IS LESS THAN 5,000 ACRE-Feet.
- NA. DATA NOT AVAILABLE.

TABLE 3 - INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF EXISTING HYDROELECTRIC PLANTS - JANUARY 1, 1964

Totals by Geographic Divisions and States

<i>Division and state</i>	<i>Installed capacity kw</i>	<i>Avg. annual generation 1000 kwh</i>	<i>Division and state</i>	<i>Installed capacity kw</i>	<i>Avg. annual generation 1000 kwh</i>
United States	40,230,291	201,918,565			
New England	1,497,283	5,959,270	South Atlantic		
Middle Atlantic	4,217,643	25,702,600	Delaware	0	0
East North Central	910,642	4,053,175	Maryland	271,800	1,324,800
West North Central	2,286,835	9,783,950	District of Columbia	3,000	5,000
South Atlantic	4,599,765	14,347,550	Virginia	409,742	1,094,200
East South Central	4,294,412	18,094,900	West Virginia	208,330	974,200
West South Central	1,124,728	3,144,200	North Carolina	1,630,623	4,894,100
Mountain	4,844,586	23,564,130	South Carolina	964,341	2,605,400
Pacific	16,345,948	96,834,650	Georgia	1,069,776	3,201,350
Alaska	89,562	328,540	Florida	42,153	248,500
Hawaii	18,887	105,600			
New England			East South Central		
Maine	491,049	2,471,600	Kentucky	540,617	2,472,000
New Hampshire	442,040	1,355,600	Tennessee	1,921,200	8,392,000
Vermont	197,335	828,700	Alabama	1,832,595	7,230,900
Massachusetts	221,899	873,790	Mississippi	0	0
Rhode Island	3,125	8,180			
Connecticut	141,835	421,400	West South Central		
Middle Atlantic			Arkansas	568,340	1,331,500
New York	3,810,229	23,837,900	Louisiana	0	0
New Jersey	8,294	48,200	Oklahoma	165,400	616,000
Pennsylvania	399,120	1,816,500	Texas	390,988	1,196,700
East North Central			Mountain		
Ohio	3,349	13,700	Montana	1,261,830	7,493,600
Indiana	29,557	101,400	Idaho	1,250,465	7,378,400
Illinois	41,071	199,300	Wyoming	212,830	936,900
Michigan	415,447	1,798,100	Colorado	257,630	1,014,280
Wisconsin	421,218	1,940,675	New Mexico	24,630	97,000
West North Central			Arizona	979,990	3,666,100
Minnesota	182,889	995,050	Utah	174,251	711,300
Iowa	140,390	831,700	Nevada	682,960	2,266,550
Missouri	392,600	1,013,000	Pacific		
North Dakota	400,000	1,886,000	Washington	8,997,919	58,116,400
South Dakota	926,396	3,852,700	Oregon	2,739,247	16,652,800
Nebraska	238,650	1,185,300	California	4,608,782	22,065,450
Kansas	5,910	20,200	Alaska	89,562	328,540
			Hawaii	18,887	105,600

**TABLE 4 - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1964**

By Geographic Divisions and States

CLASS 1/	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	<u>NEW ENGLAND</u>						
	MAINE						
P	MAINE PUBLIC SERVICE CO	CARIBOU	AROOSTOOK	800	4 500	NA	12
P	MAINE PUBLIC SERVICE CO	SQUA PAN	SQUA PAN STREAM	1 500	800	NA	30
P	ST CROIX PAPER CO	WOODLAND	ST CROIX	2 400	7 500	NA	48
I	ST CROIX PAPER CO	GRAND FALLS	ST CROIX	9 652	48 000	87	52
P	BANGOR HYDRO ELECTRIC CO	MACHIAS	MACHIAS	350	1 700	NA	25
P	BANGOR HYDRO ELECTRIC CO	ELLSWORTH	UNION	8 900	32 500	U	60
P	CENTRAL MAINE POWER CO	EAST ORLAND	TODDY	500	1 000	U	125
M	BANGOR CITY ELECTRIC CO	BANGOR CITY	PENOBSCOT	650	3 700	U	10
P	BANGOR HYDRO ELECTRIC CO	VEAZIE	PENOBSCOT	8 400	54 000	U	17
P	BANGOR HYDRO ELECTRIC CO	ORONO	STILLWATER	2 332	10 000	U	25
P	BANGOR HYDRO ELECTRIC CO	STILLWATER	STILLWATER	1 950	7 500	U	20
P	PENOBSCOT CHEM FIBRE CO	GREAT WORKS	PENOBSCOT	5 534	31 000	NA	18
P	BANGOR HYDRO ELECTRIC CO	MILFORD	PENOBSCOT	6 400	49 500	U	18
P	BANGOR HYDRO ELECTRIC CO	HOWLAND	PISCATAQUIS	1 875	11 000	U	16
P	CENTRAL MAINE POWER CO	GREENVILLE	WILSON STREAM	576	1 000	U	85
P	BANGOR HYDRO ELECTRIC CO	STANFORD	PENOBSCOT	3 800	29 000	U	21
I	GREAT NORTHERN PAPER CO	WELDON	PENOBSCOT	19 200	110 000	U	40
P	BANGOR HYDRO ELECTRIC CO	MEDWAY	W BR PENOBSCOT	3 440	31 000	U	18
I	GREAT NORTHERN PAPER CO	DOLBY	W BR PENOBSCOT	14 100	93 000	U	49
I	GREAT NORTHERN PAPER CO	MILLINOCKET	W BR PENOBSCOT	8 000	44 000	U	110
I	GREAT NORTHERN PAPER CO	NORTH TWIN	W BR PENOBSCOT	8 200	27 000	234	29
I	GREAT NORTHERN PAPER CO	RIPOGENUS	W BR PENOBSCOT	24 300	100 000	688	186
I	SEABRIGHT CORPORATION	CAMDEN	MESQUITCOOK	240	400	NA	NA
P	CENTRAL MAINE POWER CO	BELFAST	GOOSE	425	600	U	103
P	CENTRAL MAINE POWER CO	DAMARISCOTTA	DAMARISCOTTA LAKE	400	1 500	U	66
I	WARREN S D CO	COPSECOOK	COBBOSSEE POND	300	900	NA	17
I	HUDSON PULP PAPER CO	AUGUSTA	KENNEBEC	375	2 500	NA	22
I	BATES MFG CO	EDWARDS DIVISION	KENNEBEC	3 500	18 000	NA	22
P	CENTRAL MAINE POWER CO	UNION GAS	MESSALONSKEE STR	1 500	3 900	U	35
P	CENTRAL MAINE POWER CO	AUTOMATIC	MESSALONSKEE STR	800	2 300	U	23
P	CENTRAL MAINE POWER CO	RICE RIPS	MESSALONSKEE STR	1 600	4 300	U	42
P	CENTRAL MAINE POWER CO	OAKLAND	MESSALONSKEE STR	2 800	8 000	U	67
P	CENTRAL MAINE POWER CO	FORT HALIFAX	SEBASTICOOK	1 500	6 400	U	22
P	CENTRAL MAINE POWER CO	BURNHAM	SEBASTICOOK	1 050	3 000	U	27
I	MILSTAR MFG CORP	WATERVILLE	KENNEBEC	800	3 000	U	21
I	COTWOOL MFG CORP	WATERVILLE	KENNEBEC	4 800	35 000	NA	21
I	SCOTT PAPER CO	T AND A MILLS	KENNEBEC	3 730	25 000	U	23
P	CENTRAL MAINE POWER CO	SHAWMUT	KENNEBEC	4 650	34 000	5	24
P	CENTRAL MAINE PR CO ET AL	WESTON	KENNEBEC	12 000	80 600	U	32
M	MADISON ELEC WORKS	NORRIDGEWOCK	SANDY	450	1 300	NA	15
I	KENNEBEC R PULP AND PAPER	ABENAKI	KENNEBEC	3 650	10 000	U	42
I	KENNEBEC R PULP AND PAPER	ANSON	KENNEBEC	6 000	52 000	U	20
P	CENTRAL MAINE POWER CO	WILLIAMS	KENNEBEC	13 000	91 000	U	45
P	CENTRAL MAINE POWER CO	WYMAN	KENNEBEC	72 000	320 000	67	141
P	CENTRAL MAINE POWER CO	HARRIS	KENNEBEC	75 000	184 000	20	148
P	CENTRAL MAINE POWER CO	BRUNSWICK	ANDROSCOGGIN	1 473	12 000	U	17
P	CENTRAL MAINE POWER CO	TOPSHAM	ANDROSCOGGIN	900	7 000	U	20
I	PEJEPSCOT PAPER CO	PEJEPSCOT	ANDROSCOGGIN	1 500	7 500	U	22
I	WORUMBO MFG CO	LISBON FALLS	ANDROSCOGGIN	900	3 300	U	19
P	CENTRAL MAINE POWER CO	NORWAY	PENNESSEEWASSEE	280	200	U	52
I	PEPPERELL MFG CO	LEWISTON	ANDROSCOGGIN	100	200	U	35
I	LIBBEY W S CO	LEWISTON	ANDROSCOGGIN	750	3 000	U	28
I	BATES MANUFACTURING CO	LEWISTON DIVISION	ANDROSCOGGIN	4 800	18 500	U	28
I	BATES MANUFACTURING CO	HILL DIVISION	ANDROSCOGGIN	2 160	9 500	U	25
I	BATES MANUFACTURING CO	ANDROSCOGGIN	ANDROSCOGGIN	2 782	11 000	U	25
M	LEWISTON PUBLIC WORKS	LEWISTON	ANDROSCOGGIN	700	3 000	U	25
P	CENTRAL MAINE POWER CO	DEER RIPS	ANDROSCOGGIN	6 540	29 600	U	31
P	CENTRAL MAINE POWER CO	ANDROSCOGGIN NO 3	ANDROSCOGGIN	3 600	20 000	U	32
P	CENTRAL MAINE POWER CO	GULF ISLAND	ANDROSCOGGIN	19 200	125 000	5	55
I	INTERNATIONAL PAPER CO	LIVERMORE MILL	ANDROSCOGGIN	4 540	22 000	U	31

SEE FOOTNOTES AT END OF TABLE

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS V	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
MAINE (CONTINUED)							
I	INTERNATIONAL PAPER CO	OTIS MILL	ANDROSCOGGIN	2 880	10 000	U	24
I	INTERNATIONAL PAPER CO	JAY	ANDROSCOGGIN	2 800	16 000	U	14
P	RUMFORD FALLS POWER CO	RUMFORD FLS LWR	ANDROSCOGGIN	12 800	103 000	U	78
P	RUMFORD FALLS POWER CO	RUMFORD FLS UPR	ANDROSCOGGIN	21 970	161 000	U	97
I	WARREN S D CO	SMELT HILL	PRESUMPSCOT	900	4 000	NA	14
I	WARREN S D CO	CUMBERLAND	PRESUMPSCOT	600	600	NA	22
I	WARREN S D CO	SACCARAPPA	PRESUMPSCOT	1 350	11 000	NA	28
I	WARREN S D CO	DUNDEE	PRESUMPSCOT	2 400	16 000	NA	51
P	CENTRAL MAINE POWER CO	NORTH GORHAM	PRESUMPSCOT	2 250	12 000	NA	34
I	WARREN S D CO	EEL WEIR	PRESUMPSCOT	1 800	12 000	521	40
P	CENTRAL MAINE POWER CO	BRIDGTON	WILLET	360	400	U	50
I	CENTRAL MAINE POWER CO	CATARACT	SACO	6 650	45 000	U	44
P	SACO REALTY CO	SACO DIVISION	SACO	900	4 700	NA	44
P	CENTRAL MAINE POWER CO	SKELTON	SACO	16 800	104 000	U	74
P	CENTRAL MAINE POWER CO	BAR MILLS	SACO	4 000	20 000	NA	20
P	CENTRAL MAINE POWER CO	WEST BUXTON	SACO	6 625	24 000	U	27
P	CENTRAL MAINE POWER CO	BONNY EAGLE	SACO	7 200	44 000	U	38
P	CORNISH KEZAR FLS L PR CO	KEZAR FALLS	OSSIPEE	350	1 400	NA	16
P	CENTRAL MAINE POWER CO	HIRAM	SACO	2 400	19 000	U	79
P	PUBLIC SERVICE CO OF N H	SWANS FALLS	SACO	640	1 600	U	13
P	CENTRAL MAINE POWER CO	SOUTH BERWICK	SALMON FALLS	1 200	2 800	U	20
P	CENTRAL MAINE POWER CO	GREAT WORKS	GREAT WORKS	500	1 000	NA	32
				491 049	2 471 600		
NEW HAMPSHIRE							
I	BROWN COMPANY	SHELBURNE	ANDROSCOGGIN	3 720	14 000	NA	17
P	PUBLIC SERVICE CO OF N H	GORHAM	ANDROSCOGGIN	2 150	15 000	U	20
I	BROWN COMPANY	GORHAM	ANDROSCOGGIN	4 800	26 000	U	30
I	BROWN CO	CASCADE	ANDROSCOGGIN	7 200	48 000	U	45
I	BROWN CO	CROSS	ANDROSCOGGIN	3 220	19 000	U	21
P	PUBLIC SERVICE CO OF N H	J BRODIE SMITH	ANDROSCOGGIN	15 000	97 600	U	87
I	BROWN CO	RIVERSIDE	ANDROSCOGGIN	11 400	74 000	U	65
I	BROWN CO	BERLIN	ANDROSCOGGIN	2 200	14 000	U	18
P	WHITE MOUNTAIN POWER CO	GOODRICH FALLS	GLEN ELLIS	500	3 000	NA	67
I	WYANDOTTE WORSTED CO	ROCHESTER	COCHECO	100	400	NA	22
P	PUBLIC SERVICE CO OF N H	SALMON FALLS	SALMON FALLS	2 000	6 600	U	45
P	PUBLIC SERVICE CO OF N H	GREAT FALLS UPPER	SALMON FALLS	2 600	8 000	U	65
I	SPAULDING FIBER CO INC	NORTH ROCHESTER	SALMON FALLS	250	400	NA	NA
I	SPAULDING FIBRE CO INC	MILTON N ROCHESTER	SALMON FALLS	312	1 900	NA	129
I	MINE FALLS DEVELOPMENT CO	NASHUA MILL	NASHUA	4 040	9 400	NA	36
I	HILLSBOROUGH MILLS	WILTON	SOUHEGAN	600	900	NA	38
P	PUBLIC SERVICE CO OF N H	KELLEYS FALLS	PISCATAQUOG	1 000	2 000	U	21
P	PUBLIC SERVICE CO OF N H	GREGGS FALLS	PISCATAQUOG	3 000	6 800	U	65
P	PUBLIC SERVICE CO OF N H	AMOSKEAG	MERRIMACK	16 000	82 700	U	46
P	PUBLIC SERVICE CO OF N H	HOOKSETT	MERRIMACK	1 600	11 000	U	14
I	DOLE SUNCOOK INC	ALLETOWN	SUNCOOK	1 800	4 900	NA	NA
P	PUBLIC SERVICE CO OF N H	GARVINS FALLS	MERRIMACK	7 200	40 000	U	30
I	CONCORD ELECTRIC CO	SEWALLS FALLS	MERRIMACK	2 000	13 000	NA	16
I	HOAGUE SPRAGUE CO	WEST HOPKINTON	CONTOOCH	625	1 200	NA	20
P	PUBLIC SERVICE CO OF N H	JACKMAN	N BR CONTOOOKOOK	3 200	8 000	9	178
I	MONADNACK MILLS INC	BENNINGTON	CONTOOCH	1 275	6 000	NA	NA
I	SULLOWAY INDUSTRIES INC	FRANKLIN	WINNEPESAUKEE	375	600	NA	16
I	STEVENS J P AND CO INC	FRANKLIN MILL	WINNEPESAUKEE	380	700	NA	11
P	PUBLIC SERVICE CO OF N H	LOCHMERE	WINNEPESAUKEE	800	4 400	U	16
I	SCOTT AND WILLIAMS INC	LAKEPORT	LAKE PAUGUS	125	500	NA	8
P	PUBLIC SERVICE CO OF N H	EASTMAN FALLS	PEMIGEWASSET	3 000	16 000	U	35
P	PUBLIC SERVICE CO OF N H	BRISTOL NO 8	NEWFUND	168	600	U	16
P	PUBLIC SERVICE CO OF N H	AYERS ISLAND	PEMIGEWASSET	8 400	41 400	6	80
I	FRANCONIA PAPER CORP	LINCOLN	PEMIGEWASSET	670	4 500	NA	50
I	HINSDALE PAPER MFG CO	HINSDALE	ASHUELOT	350	1 900	NA	NA
I	TROY MILLS INC	TROY	S BR ASHUELOT	100	100	NA	26
P	PUBLIC SERVICE CO OF N H	MINNEWAWA	MINNEWAWA BROOK	1 600	3 600	U	255
P	NEW ENGLAND POWER CO	VERNON *	CONNECTICUT	16 000	80 000	6	34
I	COY PAPER CO	WEST CLAREMONT	SUGAR	500	1 300	NA	33
I	CLAREMONT PAPER CO INC	CLAREMONT	SUGAR	800	2 800	NA	27
P	CENTRAL VT PUB SERV CORP	CLAREMONT	SUGAR	250	900	U	20
I	DORR WOOLEN CO	NO 1	SUGAR	120	300	NA	27
P	NEW ENGLAND POWER CO	GRANITE ST NO 4	MASCOMA	1 300	5 400	U	73
I	CUMMINGS LEATHER CO INC	LEBANON	MASCOMA	150	500	NA	NA
P	NEW ENGLAND POWER CO	WILDER *	CONNECTICUT	16 200	69 500	13	51

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS 1/	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	NEW HAMPSHIRE (CONTINUED)						
M	WOODSVILLE PRECINCT OF	WOODSVILLE	AMMONOOSUC	400	800	NA	NA
P	PUBLIC SERVICE CO OF N H	LISBON	AMMONOOSUC	150	1 900	U	16
P	LITTLETON WTR AND LT DEPT	APTHORP	AMMONOOSUC	300	1 100	NA	19
P	NEW ENGLAND POWER CO	†MCINDOES	CONNECTICUT	10 560	44 000	5	29
P	NEW ENGLAND POWER CO	†COMERFORD	CONNECTICUT	140 400	307 000	29	179
P	NEW ENGLAND POWER CO	†S C MOORE	CONNECTICUT	140 400	251 000	114	159
I	GROVETON PAPERS CO	NORTHUMBERLAND	CONNECTICUT	750	2 000	NA	10
				442 040	1 355 600		
	VERMONT						
P	CITIZENS UTILITIES CO	NEWPORT 11	CLYDE	1 600	5 000	NA	55
P	CITIZENS UTILITIES CO	NEWPORT 1 2 & 3	CLYDE	3 600	12 000	U	137
P	CITIZENS UTILITIES CO	W CHARLESTON	CLYDE	800	2 600	U	57
P	BARTON VILLAGE ELEC DEPT	WEST CHARLESTON	CLYDE	1 400	2 800	NA	78
M	SWANTON VILLAGE OF	HIGHGATE FALLS	MISSISSQUOI	4 600	21 000	NA	59
I	STANDARD PACKAGING CORP	SHELDON SPRINGS	MISSISSQUOI	1 750	7 000	NA	79
M	ENOSBURG FALLS VILLAGE OF	VILLAGE	MISSISSQUOI	600	1 700	U	21
P	ENOSBURG FALLS VILLAGE OF	KENDALL	MISSISSQUOI	150	500	U	20
P	WEYERHAEUSER CO	NORTH TROY	MISSISSQUOI	175	400	NA	60
M	CITIZENS UTILITIES CO	TROY	MISSISSQUOI	600	1 200	U	60
P	CENTRAL VT PUB SERV CORP	PETERSON	LAMOILLE	5 000	23 100	U	52
P	CENTRAL VT PUB SERV CORP	MILTON	LAMOILLE	6 000	35 000	NA	100
P	CENTRAL VT PUB SERV CORP	CLARKS FALLS	LAMOILLE	3 000	13 000	U	41
P	CENTRAL VT PUB SERV CORP	FAIRFAX	LAMOILLE	2 880	16 000	NA	80
M	MORRISVILLE VILLAGE OF	CADYS FALLS NO 1	LAMOILLE	1 300	3 500	NA	40
M	MORRISVILLE VILLAGE OF	MORRISVILLE NO 2	LAMOILLE	1 800	5 500	NA	50
M	HARDWICK VILLAGE OF	HARDWICK	LAMOILLE	700	3 000	NA	54
P	GREEN MOUNTAIN POWER CORP	GORGE NO 18	WINOOSKI	3 000	15 000	U	34
P	GREEN MOUNTAIN POWER CORP	ESSEX NO 19	WINOOSKI	4 800	29 000	U	55
P	GREEN MOUNTAIN POWER CORP	†WATERBURY NO 22	WATERBURY	5 520	17 000	36	148
P	GREEN MOUNTAIN POWER CORP	MIDDLESEX NO 2	WINOOSKI	3 200	15 000	U	52
P	GREEN MOUNTAIN POWER CORP	MONTPELIER NO 4	WINOOSKI	2 600	1 900	U	60
P	GREEN MOUNTAIN POWER CORP	MARSHFIELD NO 6	MOLLYS BROOK	5 000	6 700	8	378
P	GREEN MOUNTAIN POWER CORP	VERGENNES NO 9	OTTER CR	600	10 000	U	35
P	CENTRAL VT PUB SERV CORP	WEYBRIDGE	OTTER CR	3 000	2 400	U	31
I	VERMONT MARBLE CO	HUNTINGTON FALLS	OTTER CR	1 200	10 000	NA	39
I	VERMONT MARBLE CO	BELDENS	OTTER CR	1 200	9 600	NA	41
P	CENTRAL VT PUB SERV CORP	LOWER MIDDLEBURY	OTTER CR	2 250	9 100	U	28
P	CENTRAL VT PUB SERV CORP	UPPER MIDDLEBURY	OTTER CR	180	900	U	21
P	CENTRAL VT PUB SERV CORP	EAST MIDDLEBURY	OTTER CR	160	1 100	U	20
P	CENTRAL VT PUB SERV CORP	SALISBURY	LEICESTER	1 300	3 700	5	160
P	CENTRAL VT PUB SERV CORP	SILVER LAKE	SILVER LAKE	2 200	6 400	U	676
I	VERMONT MARBLE CO	PROCTOR	OTTER CR	3 930	15 000	NA	120
I	VERMONT MARBLE CO	CENTER RUTLAND	OTTER CR	275	500	NA	27
P	CENTRAL VT PUB SERV CORP	PATCH	EAST CR	400	1 000	U	30
P	CENTRAL VT PUB SERV CORP	GLEN	EAST CR	2 000	5 600	U	173
P	CENTRAL VT PUB SERV CORP	PITTSFORD	EAST CR	3 600	8 000	18	481
P	CENTRAL VT PUB SERV CORP	HYDEVILLE	CASTLETON CR	270	600	10	40
P	NEW ENGLAND POWER CO	†HARRIMAN	DEERFIELD	33 600	102 000	116	390
P	NEW ENGLAND POWER CO	†SEARSBURG	DEERFIELD	4 000	21 000	U	232
P	NEW ENGLAND POWER CO	†VERNON *	CONNECTICUT	8 400	47 000	6	34
P	CENTRAL VT PUB SERV CORP	WEST DUMMERSTON	WEST	720	2 000	U	26
P	NEW ENGLAND POWER CO	†BELLWILLS FALLS	CONNECTICUT	40 800	215 000	10	62
P	FELLOWS GEAR SHAPER	SPRINGFIELD	BLACK	525	700	NA	11
P	CENTRAL VT PUB SERV CORP	CAVENDISH	BLACK	1 440	6 100	U	120
M	CENTRAL VT PUB SERV CORP	TAFTSVILLE	OTTAUQUECHEE	500	2 000	U	17
I	BETHEL MILLS INC	BETHEL	WHITE	150	400	NA	16
P	NEW ENGLAND POWER CO	†WILDER *	CONNECTICUT	16 200	69 500	13	51
P	CENTRAL VT PUB SERV CORP	BRADFORD	WATTS	360	1 900	U	76
P	GREEN MOUNTAIN POWER CORP	WEST DANVILLE 15	JOES BROOK	1 000	2 500	U	180
P	CENTRAL VT PUB SERV CORP	PASSUMPSIC	PASSUMPSIC	700	4 100	U	22
P	CENTRAL VT PUB SERV CORP	GAGE	PASSUMPSIC	700	3 100	U	15
P	CENTRAL VT PUB SERV CORP	ARNOLD FALLS	PASSUMPSIC	350	1 300	U	17
P	LYNDONVILLE VILLAGE OF	GREAT FALLS	PASSUMPSIC	600	4 400	NA	61
P	CENTRAL VT PUB SERV CORP	PIERCE MILLS	PASSUMPSIC	250	1 300	U	17
M	LYNDONVILLE VILLAGE OF	VAIL STATION	PASSUMPSIC	350	200	NA	15
I	GILMAN PAPER CO	GILMAN	CONNECTICUT	2 990	15 000	NA	27
P	PUBLIC SERVICE CO OF N H	CANAAN	CONNECTICUT	1 100	7 400	U	35
				197 335	828 700		

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS 1/	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	MASSACHUSETTS						
P	NEW ENGLAND POWER CO	AMESBURY NO 5	POWOW	800	1 900	U	65
I	NEW ENGLAND POWER CO	LAKE GARDNER	POWOW	150	300	U	16
I	EVERETT MILL PROPERTIES	EVERETT MILLS	MERRIMACK CANAL	1 000	1 700	NA	26
I	ROWLAND INDUSTRIES INC	CANAL STREET	MERRIMACK CANAL	1 920	6 000	NA	NA
I	ATLANTIC ENTERPRISES INC	CANAL STREET	MERRIMACK CANAL	1 400	4 000	NA	NA
I	MERRIMAC PAPER CO INC	MERRIMAC	MERRIMACK CANAL	600	2 300	NA	30
I	OXFORD PAPER CO INC	LAWRENCE	MERRIMACK CANAL	1 200	6 100	NA	26
I	TALBOT MILLS	NORTH BILLERICA	CONCORD	300	300	NA	NA
I	MAYNARD INDUSTRIES	ASSABET	ASSABET	150	300	NA	22
M	METROPOLITAN DIST COMM	SUDBURY	SUDBURY	720	4 500	NA	73
I	FLETCHER CED	SOUTH ACTON	FORT POND BR	186	400	NA	NA
I	BOOTT MILLS	LOWELL	MERRIMACK CANAL	4 975	8 900	U	40
I	JACKSON PROPERTIES INC	LOWELL	MERRIMACK CANAL	1 050	1 900	U	40
I	BOOTT MILLS	LOWELL	MERRIMACK CANAL	2 400	6 900	U	40
I	BOOTT MILLS	LOWELL	MERRIMACK CANAL	1 300	5 400	U	40
I	ST REGIS PAPER CO	PEPPERELL	NASHUA	1 920	5 600	NA	28
I	SAMSON CORDAGE WORKS	SHIRLEY	SHIRLEY RESERVOI	125	10	NA	NA
M	METROPOLITAN DIST COMM	WACHUSETT	5 BR NASHUA	3 200	8 100	NA	98
M	METROPOLITAN DIST COMM	OAKDALE	QUABBIN AQUEDUCT	3 500	14 000	NA	135
I	CROCKER BURBANK AND CO	FITCHBURG	NORTH NASHUA	760	1 200	NA	98
I	WHITIN MACHINE WORKS	WHITINSVILLE	MUMFORD	580	800	NA	26
I	O DONNELL J J WOOLENS	FARNUMSVILLE	BLACKSTONE	112	300	NA	9
I	AMERICAN OPTICAL CO	SOUTHBURIDGE	QUINEBAUG	200	600	NA	12
I	RUSSELL HARRINGTON CO	SOUTHBURIDGE	QUINEBAUG	240	600	NA	NA
I	SOUTHWORTH PAPER CO	WEST SPRINGFIELD	WESTFIELD	150	700	NA	NA
I	STRATHMORE PAPER CO	WEST SPRINGFIELD	WESTFIELD	1 400	4 800	NA	32
I	WESTERN MASS ELEC CO	CORBLE MOUNTAIN	WESTFIELD LITTLE	33 000	20 000	65	456
I	STRATHMORE PAPER CO	WORONOCO	WESTFIELD	2 690	8 000	NA	50
I	WESTFIELD RIVER PAPER CO	RUSSELL	WESTFIELD	700	2 800	NA	22
I	TEXON INC	RUSSELL	WESTFIELD	800	2 600	NA	32
P	WESTERN MASS ELEC CO	DWIGHT	CHICOPEE	2 080	9 900	U	32
P	WESTERN MASS ELEC CO	INDIAN ORCHARD	CHICOPEE	4 900	12 000	U	35
P	WESTERN MASS ELEC CO	LUDLOW	CHICOPEE	3 200	15 000	U	44
P	WESTERN MASS ELEC CO	RED BRIDGE	CHICOPEE	3 600	17 000	U	51
M	METROPOLITAN DIST COMM	WINSOR	SWIFT	1 200	4 800	NA	NA
I	WARE INDUSTRIES INC	WARE	WARE	1 045	2 200	NA	48
I	BARRE WOOL COMBING CO LTD	SOUTH BARRE	WARE	150	800	NA	21
P	HOLYOKE WATER POWER CO	†HADLEY FALLS	CONNECTICUT	15 000	104 500	7	52
I	STANDARD PACKAGING CORP	HOLYOKE	CONNECTICUT CAN	1 600	8 000	U	23
I	LIVINGSTON WORSTED MILLS	HOLYOKE	CONNECTICUT CAN	300	1 200	U	12
P	HOLYOKE WATER POWER CO	†RIVERSIDE STATION	CONNECTICUT CAN	7 640	31 700	U	30
I	AMERICAN WRITING PAP CORP	HOLYOKE MILLS	CONNECTICUT CAN	3 510	9 700	U	39
P	HOLYOKE WATER POWER CO	†BEEBEE HOLBROOK	CONNECTICUT CAN	516	2 500	U	20
I	PARSONS PAPER CO	HOLYOKE	CONNECTICUT CAN	732	900	U	20
M	HOLYOKE GAS AND EL DEPT	PROJECT NO 1	CONNECTICUT CAN	1 056	5 040	U	NA
M	HOLYOKE GAS AND EL DEPT	PROJECT NO 2	CONNECTICUT CAN	800	3 820	U	NA
M	HOLYOKE GAS AND EL DEPT	PROJECT NO 3	CONNECTICUT CAN	450	2 140	U	NA
I	STANDARD PACKAGING CORP	HOLYOKE	CONNECTICUT CAN	600	1 500	U	20
I	SKINNER WM AND SONS CO	HOLYOKE	CONNECTICUT CAN	300	600	U	20
I	PRENTISS GEO W AND CO	HOLYOKE	CONNECTICUT CAN	382	800	U	20
P	HOLYOKE WATER POWER CO	†BOATLOCK STATION	CONNECTICUT CAN	2 900	18 000	U	20
I	HAMPTON MILLS INC	EASTHAMPTON	MANHAN	120	80	NA	NA
P	NEW ENGLAND POWER CO	†DEERFIELD NO 2	DEERFIELD	4 800	34 000	U	65
P	WESTERN MASS ELEC CO	GARDNER FALLS	DEERFIELD	3 980	17 000	U	39
P	NEW ENGLAND POWER CO	†DEERFIELD NO 3	DEERFIELD	4 800	37 000	U	68
P	NEW ENGLAND POWER CO	†DEERFIELD NO 4	DEERFIELD	4 800	32 000	U	68
I	KENDALL CO	GRISWOLDVILLE	NORTH	160	400	NA	22
P	NEW ENGLAND POWER CO	†DEERFIELD NO 5	DEERFIELD	15 000	74 000	U	245
P	NEW ENGLAND POWER CO	†SHERMAN	DEERFIELD	7 200	27 000	U	80
P	WESTERN MASS ELEC CO	†CABOT	CONNECTICUT CAN	51 000	247 800	9	62
P	WESTERN MASS ELEC CO	†TURNERS FALLS	CONNECTICUT CAN	4 840	12 500	9	48
I	ESLEECK MANUFACTURING CO	TURNERS FALLS	CONNECTICUT CAN	450	200	NA	42
I	STRATHMORE PAPER CO	TURNERS FALLS	CONNECTICUT CAN	937	4 800	NA	47
I	MILLERS FALLS PAPER CO	MILLERS FALLS	MILLERS	1 000	5 000	NA	26
I	STARRETT L S CO	ATHOL	MILLERS	112	200	NA	NA
I	RISEING PAPER CO	HOUSATONIC	HOUSATONIC	692	1 200	NA	27
I	HURLBUT PAPER CO	SOUTH LEE	HOUSATONIC	361	1 700	NA	19
I	LAKE MAY POWER CO	LAKE MAY	GOOSE CR	700	1 800	U	437
I	SCHWEITZER PETER J INC	LEE	HOUSATONIC	1 458	4 000	NA	24
				221 899	873 790		

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS 2/	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
RHODE ISLAND							
I	VALLEY LACE CO	HOPE MILL	N BR PAWTUXET	460	700	NA	26
H	PROVIDENCE CITY OF	GAINER DAM	N BR PAWTUXET	1 500	4 000	NA	86
P	BLACKSTONE VAL G AND E CO	PAWTUCKET NO 2	BLACKSTONE	600	2 600	U	17
P	BLACKSTONE VAL G AND E CO	WOONSOCKET NO 1	BLACKSTONE	375	500	U	12
I	COLUMBIA NARROW FABRIC CO	RICHMOND	PAWCATUCK	190	380	NA	NA
				3 125	8 180		
CONNECTICUT							
P	BOZRAH LIGHT AND POWER CO	GILMAN	YANTIC	250	500	NA	29
M	NORWICH CITY OF	SECOND STREET	SHETUCKET	800	5 000	NA	16
P	CONN LIGHT AND PWR CO THE	TUNNEL	GUINEBAUG	2 000	9 800	U	25
I	BRUNSWICK WORSTED MILL	MOOSUP	MOOSUP	250	400	NA	20
I	DANIELSON FINISHING CO	DANIELSON NO 2	FIVE MILE	500	800	NA	26
I	PRYM WILLIAM INC	DAYVILLE	FIVE MILE	200	200	NA	NA
I	NEW ENGLAND CHEMICAL CO	PUTNAM	GUINEBAUG	250	600	NA	17
I	CONN LIGHT AND PWR CO THE	TAFTVILLE	BASS BROOK	1 780	5 000	U	26
M	NORWICH CITY OF	OCCUM	SHETUCKET	800	3 500	U	13
P	CONN LIGHT AND PWR CO THE	SCOTLAND DAM	SHETUCKET	2 000	7 300	U	26
I	AMERICAN THREAD CO	WILLIMANTIC	WILLIMANTIC	1 605	3 300	NA	63
I	JOHNSON CYRIL WOOLEN CO	STAFFORD SPRINGS	FURNACE	100	100	NA	15
I	STANLEY WORKS	NEW BRITAIN	BASS BROOK	9 720	30 000	NA	NA
P	FARMINGTON RIVER POWER CO	RAINBOW	FARMINGTON	8 000	28 000	NA	60
I	COLLINS CO	COLLINSVILLE	FARMINGTON	1 600	6 000	NA	18
P	CONN LIGHT AND PWR CO THE	ROBERTSVILLE	MAD	500	1 700	U	53
I	DEXTER C H AND SONS INC	WINDSOR LOCKS	CONNECTICUT	500	2 400	NA	27
I	AMERICAN BRASS CO	ANSONIA	NAUGATUCK	760	3 100	NA	35
P	THE UNITED ILLUMINATING	DERRY	HOUSATONIC	800	3 100	U	20
P	CONN LIGHT AND PWR CO THE	STEVENSON	HOUSATONIC	30 500	97 600	5	69
P	CONN LIGHT AND PWR CO THE	SHEPAUG	HOUSATONIC	37 200	118 200	41	97
P	CONN LIGHT AND PWR CO THE	BANTAM	BANTAM	1 300	1 300	U	62
P	CONN LIGHT AND PWR CO THE	ROCKY RIVER 2/	ROCKY	24 000	6 800	143	230
P	CONN LIGHT AND PWR CO THE	BULLS BRIDGE	HOUSATONIC	8 400	47 200	U	107
P	HARTFORD ELEC LT CO THE	FALLS VILLAGE	HOUSATONIC	9 000	39 500	U	92
				141 835	421 400		
	<u>NEW ENGLAND TOTAL</u>			<u>1 497 283</u>	<u>5 959 270</u>		
MIDDLE ATLANTIC							
NEW YORK							
P	CENTRAL VT PUB SERV CORP	CARVERS FALLS	POULTNEY	1 560	8 300	U	112
I	INTERNATIONAL PAPER CO	TICONDEROGA NO 38	TICONDEROGA CR	2 130	11 000	84	134
P	NIAGARA MOHAWK PWR CORP	PORT HENRY	MILL BROOK	1 800	5 600	NA	380
P	GORDON H BIGELOW CO	WADHAMS NO 1	BOUQUET	464	1 200	NA	48
P	NEW YORK ST EL AND G CORP	RAINBOW FALLS	AUSABLE	2 640	15 000	14	92
I	ROGERS J AND J CO	AU SABLE FORKS	W BR AUSABLE	1 250	4 700	NA	92
M	LAKE PLACID VILLAGE OF	LAKE PLACID	CHUBB	332	900	NA	35
I	IMPERIAL PAPER CO	PLATTSBURG	SARANAC	600	2 600	NA	22
I	VANITY FAIR PAPER MILLS	PLANT NO 1	SARANAC	2 400	10 000	NA	43
I	VANITY FAIR PAPER MILLS	PLANT NO 2	SARANAC	1 080	5 000	NA	27
P	NEW YORK ST EL AND G CORP	KENTS FALLS	SARANAC	6 400	37 500	U	161
P	NEW YORK ST EL AND G CORP	MILL C	SARANAC	2 250	12 000	U	66
P	NEW YORK ST EL AND G CORP	CADYVILLE	SARANAC	2 400	15 000	U	77
P	NEW YORK ST EL AND G CORP	HIGH FALLS	SARANAC	14 100	86 500	U	268
P	PAUL SMITHS EL L AND P CO	UNION FALLS	SARANAC	2 400	8 600	NA	61
P	PAUL SMITHS EL L AND P CO	FRANKLIN FALLS	SARANAC	2 265	6 200	NA	57
P	NEW YORK ST EL AND G CORP	CHATEAUGAY	CHATEAUGAY	720	5 200	20	88
P	NIAGARA MOHAWK PWR CORP	MACOMB	SALMON	1 000	6 800	U	53
P	NIAGARA MOHAWK PWR CORP	CHASM	SALMON	3 350	24 000	U	266
P	NIAGARA MOHAWK PWR CORP	HOGANSBURG	ST REGIS	700	3 100	NA	11
P	PAUL SMITHS EL L AND P CO	KEESES MILL	ST REGIS	125	200	NA	11
P	NIAGARA MOHAWK PWR CORP	ALLENS FALLS	W BR ST REGIS	4 400	27 000	U	218
P	NIAGARA MOHAWK PWR CORP	PARISHVILLE	W BR ST REGIS	2 400	15 000	U	144
P	NIAGARA MOHAWK PWR CORP	RAYMONDVILLE	RAQUETTE	2 000	13 000	U	19
P	NIAGARA MOHAWK PWR CORP	NORFOLK	RAQUETTE	4 500	26 000	U	41
P	NIAGARA MOHAWK PWR CORP	EAST NORFOLK	RAQUETTE	3 000	19 000	U	31
P	NIAGARA MOHAWK PWR CORP	YALEVILLE	RAQUETTE	725	3 800	U	12
P	NIAGARA MOHAWK PWR CORP	NORWOOD	RAQUETTE	2 000	13 000	U	21
I	NEKOOSA EDWARDS PAPER CO	UNIONVILLE	RAQUETTE	1 570	8 900	NA	17
I	NEKOOSA EDWARDS PAPER CO	HEWITTVILLE	RAQUETTE	1 540	8 400	NA	13

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NEW YORK (CONTINUED)							
M	POTSDAM MUN ELECTRIC PLT	POTSDAM	RAQUETTE	150	1 200	NA	9
P	NIAGARA MOHAWK PWR CORP	SUGAR ISLAND	RAQUETTE	4 800	30 000	U	63
P	NIAGARA MOHAWK PWR CORP	HANNAWA	RAQUETTE	7 200	49 400	U	82
P	NIAGARA MOHAWK PWR CORP	COLTON	RAQUETTE	29 520	192 000	U	285
P	NIAGARA MOHAWK PWR CORP	HIGLEY	RAQUETTE	4 480	28 000	U	44
P	NIAGARA MOHAWK PWR CORP	†SOUTH COLTON	RAQUETTE	19 350	78 900	U	85
P	NIAGARA MOHAWK PWR CORP	†FIVE FALLS	RAQUETTE	22 500	94 600	U	104
P	NIAGARA MOHAWK PWR CORP	†RAINBOW FALLS	RAQUETTE	22 500	94 100	10	102
P	NIAGARA MOHAWK PWR CORP	†BLAKE FALLS	RAQUETTE	14 400	60 600	U	68
P	NIAGARA MOHAWK PWR CORP	†STARK	RAQUETTE	22 500	90 000	11	105
P	PAUL SMITHS EL L AND P CO	PIERCEFIELD	RAQUETTE	2 700	15 000	U	35
P	DEXTER HYDRO ELEC CORP	PYRITES	GRASS	1 200	9 000	U	75
M	PWR AUTH STATE OF N Y	†ROBERT MOSES	ST LAWRENCE	912 000	6 500 000	30	83
P	NIAGARA MOHAWK PWR CORP	EEL WEIR	OSWEGATCHIE	2 700	12 000	U	12
P	NIAGARA MOHAWK PWR CORP	THERESA	INDIAN	1 615	7 400	U	66
M	THERESA MUNICIPAL LT COMM	THERESA	INDIAN	130	300	NA	15
M	PHILADELPHIA MUN EL SYST	PHILADELPHIA	INDIAN	128	300	NA	20
P	NIAGARA MOHAWK PWR CORP	HEUVELTON	OSWEGATCHIE	1 040	5 200	U	15
I	GROVETON PAPERS CO	NATURAL DAM	OSWEGATCHIE	1 200	3 500	U	20
M	GOUVERNEUR VILLAGE OF	GOUVERNEUR	OSWEGATCHIE	160	900	NA	7
I	INTERNATIONAL TALC CO INC	HAILESBO RO NO 4	OSWEGATCHIE	1 320	7 200	NA	30
I	INTERNATIONAL TALC CO INC	FOWLER NO 7	OSWEGATCHIE	900	5 000	NA	15
I	HAMPSHIRE PAPER CO INC	EMERYVILLE	OSWEGATCHIE	1 320	8 000	U	32
P	NIAGARA MOHAWK PWR CORP	OSWEGATCHIE	E BR OSWEGATCHIE	800	6 000	U	10
P	NIAGARA MOHAWK PWR CORP	SO EDWARDS NO 2	E BR OSWEGATCHIE	2 680	20 000	U	82
P	NIAGARA MOHAWK PWR CORP	FLAT ROCK	E BR OSWEGATCHIE	6 000	17 700	U	60
P	NIAGARA MOHAWK PWR CORP	BROWNS FALLS	E BR OSWEGATCHIE	15 000	53 000	U	270
I	NEWTON FALLS PAPER MILL	NEWTON FALLS	E BR OSWEGATCHIE	2 230	12 000	NA	46
P	DEXTER HYDRO ELEC CORP	DEXTER	BLACK	1 740	7 000	U	NA
P	BEEBEE ISLAND NIAG MOHAWK	BEEBEE ISLAND	BLACK	8 000	38 500	U	33
P	NIAGARA MOHAWK PWR CORP	SEWALLS ISLAND	BLACK	2 000	12 000	U	17
P	NIAGARA MOHAWK PWR CORP	DIAMOND ISLAND	BLACK	1 200	9 100	NA	10
M	WATERTOWN MUN ELEC DEPT	WATERTOWN	BLACK	5 400	33 000	NA	27
P	NIAGARA MOHAWK PWR CORP	BLACK RIVER	BLACK	6 000	44 800	U	34
P	NIAGARA MOHAWK PWR CORP	KAMARGO	BLACK	5 400	29 100	U	26
P	NIAGARA MOHAWK PWR CORP	DEFERIET	BLACK	10 800	67 500	U	47
P	NIAGARA MOHAWK PWR CORP	HERRINGS	BLACK	5 400	25 800	U	19
I	CROWN ZELLERBACH CORP	CARTHAGE	BLACK	1 225	2 900	NA	30
I	ST REGIS PAPER CO	CARTHAGE	BLACK	525	2 900	NA	17
I	CARTHAGE PAPER MAKERS INC	CARTHAGE	BLACK	800	5 400	NA	8
I	LEWIS J P COMPANY	BEAVER FALLS	BEAVER	1 500	9 700	NA	30
P	BEAVER RIVER PWR CO	HIGH FALLS	BEAVER	4 800	34 000	NA	95
P	NIAGARA MOHAWK PWR CORP	BELFORT	BEAVER	1 800	13 000	U	48
P	NIAGARA MOHAWK PWR CORP	TAYLORVILLE	BEAVER	4 500	25 000	U	103
P	NIAGARA MOHAWK PWR CORP	ELMER FALLS	BEAVER	1 500	9 700	U	38
P	NIAGARA MOHAWK PWR CORP	EFFLEY FALLS	BEAVER	2 960	15 000	U	53
P	NIAGARA MOHAWK PWR CORP	SOFT MAPLE	BEAVER	15 000	35 200	U	126
P	NIAGARA MOHAWK PWR CORP	EAGLE FALLS	BEAVER	6 050	31 800	U	138
P	NIAGARA MOHAWK PWR CORP	MOSHIER FALLS	BEAVER	8 000	40 900	8	212
I	GOULD PAPER CO	MILL NO 3	MOOSE	4 700	23 000	U	30
P	CATALDO ELECTRIC SERVICE	R J BAILEY	BLACK	400	2 500	NA	NA
M	CATALDO ELECTRIC SERVICE	DENLEY	BLACK	480	3 300	NA	22
P	NIAGARA MOHAWK PWR CORP	LIGHTHOUSE HILL	SALMON	7 500	22 700	U	65
P	NIAGARA MOHAWK PWR CORP	BENNETTS BRIDGE	OSWEGO	23 950	60 000	54	284
P	NIAGARA MOHAWK PWR CORP	VARICK	OSWEGO	8 800	44 200	U	20
P	NIAGARA MOHAWK PWR CORP	HIGH DAM NO 6	OSWEGO	7 600	50 000	U	22
P	NIAGARA MOHAWK PWR CORP	MINETTO	OSWEGO	8 000	40 600	U	17
P	NIAGARA MOHAWK PWR CORP	GRANBY	OSWEGO	3 722	21 000	U	24
P	NIAGARA MOHAWK PWR CORP	RIVERSIDE	OSWEGO	800	5 300	U	23
P	NIAGARA MOHAWK PWR CORP	FULTON	OSWEGO	1 250	7 200	U	17
I	SEALRIGHT OSWEGO CORP	OSWEGO FALLS	OSWEGO	9 150	39 000	NA	18
P	NIAGARA MOHAWK PWR CORP	BALDWINVILLE	SENECA	640	3 700	NA	8
I	DUNN AND MCCARTHY INC	WOOLEN MILL	OWASCO	800	2 600	NA	21
I	DUNN AND MCCARTHY INC	AUBURN	OWASCO	700	2 300	NA	17
I	SHOE FORM CO INC	AUBURN	OWASCO	450	600	NA	16
I	DUNN AND MCCARTHY INC	SHANK PLANT	OWASCO	300	800	NA	21
P	CORNELL UNIVERSITY	NUMBER 1	FALL CR	685	5 300	NA	143
P	NEW YORK ST EL AND G CORP	SENECA FALLS	SENECA	8 000	11 500	U	50
P	NEW YORK ST EL AND G CORP	WATERLOO	SENECA CANAL	1 920	3 600	107	17
P	NEW YORK ST EL AND G CORP	KEUKA	KEUKA LAKE	2 000	6 400	6	380

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	NEW YORK (CONTINUED)						
P	ROCHESTER GAS AND EL CORP	ROCHESTER NO 5	GENESEE	38 250	144 000	U	137
P	ROCHESTER GAS AND EL CORP	ROCHESTER NO 2	GENESEE	6 500	51 000	U	91
P	ROCHESTER GAS AND EL CORP	ROCHESTER NO 26	GENESEE	3 000	16 000	NA	25
P	ROCHESTER GAS AND EL CORP	MT MORRIS NO 160	GENESEE	340	2 900	NA	20
P	ROCHESTER GAS AND EL CORP	WISCOY NO 170	WISCOY CR	1 080	4 900	NA	104
P	ROCHESTER GAS AND EL CORP	MILLS NO 172	WISCOY CR	220	900	NA	58
P	NIAGARA MOHAWK PWR CORP	WATERPORT	OAK ORCHARD CR	4 650	13 000	5	78
P	NIAGARA MOHAWK PWR CORP	GLENWOOD	OAK ORCHARD CR	1 500	9 400	U	62
P	NIAGARA MOHAWK PWR CORP	OAK ORCHARD	BARGE CANAL	350	2 100	U	27
M	PWR AUTH STATE OF N Y	NIAGARA	NIAGARA	1 953 900	13 000 000	60	314
P	NIAGARA MOHAWK PWR CORP	HYDRAULIC RACE	BARGE CANAL	4 687	24 000	U	50
M	SPRINGVILLE VILLAGE OF	CATTARAUGUS	CATTARAUGUS CR	500	2 000	NA	NA
I	GROVEVILLE CORP	BEACON	FISH KILL CR	520	1 100	NA	NA
I	BRAENDLY DYE WORKS INC	BEACON	FISH KILL CR	100	5 300	NA	NA
I	B N AND A REALTY CORP	WAPPINGERS FALLS	WAPPINGER CR	1 300	5 500	NA	85
P	CENT HUDSON G AND EL CORP	STURGEON POOL	WALLKILL	14 400	54 500	U	113
P	CENT HUDSON G AND EL CORP	DASHVILLE	WALLKILL	4 800	18 000	U	42
P	NEW YORK ST EL AND G CORP	WALDEN	WALLKILL	1 475	5 500	NA	36
P	ORANGE AND ROCKLAND UTIL	GRAHAMSVILLE	RONDOUT CR	18 000	90 000	317	440
P	CENT HUDSON G AND EL CORP	HIGH FALLS	RONDOUT CR	2 120	7 200	U	48
P	CENT HUDSON G AND EL CORP	NEVERSINK	NEVERSINK DIV	25 000	48 000	109	552
I	MARTIN CANTINE CO	SAUGERTIES	ESOPUS CR	400	1 200	NA	NA
P	NIAGARA MOHAWK PWR CORP	STUYVESANT	KINDERHOOK CR	2 800	15 000	U	100
I	FORD MOTOR COMPANY	GREEN ISLAND	HUDSON	16 800	70 000	NA	16
P	NIAGARA MOHAWK PWR CORP	CHAMPLAIN	MOHAWK	180	1 000	U	16
P	NIAGARA MOHAWK PWR CORP	SCHOOL ST COHOES	MOHAWK	38 800	170 000	U	94
M	NEW YORK ST DEPT PUB WKS	CRESCENT	MOHAWK	5 600	39 000	U	28
M	NEW YORK ST DEPT PUB WKS	VISSCHER FERRY	MOHAWK	5 600	35 000	U	28
P	NIAGARA MOHAWK PWR CORP	EPHRAIM	CAROGA CR	5 150	15 200	U	294
P	NIAGARA MOHAWK PWR CORP	BEARDSLEE FALLS	E CANADA CR	20 000	49 600	U	156
P	NIAGARA MOHAWK PWR CORP	INGHAM'S MILLS	E CANADA CR	6 400	28 000	U	124
I	GREEN DANIEL CO	DOLGEVILLE	E CANADA CR	320	1 800	NA	NA
I	FROST WHITE PAPER MILLS	SALISBURY	SPRUCE CR	360	1 400	NA	NA
I	BURROWS PAPER CORP	LITTLE FALLS	MOHAWK	150	300	NA	NA
I	STANDARD FURNITURE CO	HERKIMER	W CANADA CR	300	1 000	NA	NA
P	NIAGARA MOHAWK PWR CORP	TRENTON FALLS	W CANADA CR	23 600	132 700	U	268
P	NIAGARA MOHAWK PWR CORP	PROSPECT	W CANADA CR	17 325	74 700	U	138
I	CASCADE FINISHING CO	ORISKANY FALLS	ORISKANY CR	125	300	NA	20
P	NIAGARA MOHAWK PWR CORP	MECHANICVILLE	HUDSON	4 500	31 000	U	18
I	WEST VA PULP AND PAPER CO	MECHANICVILLE	HUDSON	6 310	41 000	NA	23
P	NIAGARA MOHAWK PWR CORP	SCHAGHTICOKE	HOOSIC	13 120	62 400	U	153
P	NIAGARA MOHAWK PWR CORP	JOHNSONVILLE	HOOSIC	4 800	12 000	5	35
P	CENTRAL VT PUB SERV CORP	HOOSIC FALLS	HOOSIC	1 050	3 700	U	24
P	NIAGARA MOHAWK PWR CORP	SCHUYLERVILLE	FISH CR	1 200	7 600	U	61
P	NIAGARA MOHAWK PWR CORP	VICTORY MILLS	FISH CR	1 280	4 200	U	40
P	NIAGARA MOHAWK PWR CORP	MIDDLE FALLS	BATTENKILL	1 040	5 900	U	51
I	STEVENS THOMPSON PAPER CO	GREENWICH	BATTENKILL	750	4 900	NA	15
I	UNITED BOARD CARTON CORP	THOMSON	HUDSON	1 320	9 000	NA	18
P	NIAGARA MOHAWK PWR CORP	FORT EDWARD	HUDSON	2 850	22 000	U	21
P	NIAGARA MOHAWK PWR CORP	BAKERS FALLS	HUDSON	2 250	15 000	U	55
P	NIAGARA MOHAWK PWR CORP	MOREAU	HUDSON	4 800	42 000	U	64
P	NIAGARA MOHAWK PWR CORP	SOUTH GLEN FALLS	HUDSON	3 800	27 000	U	47
I	FINCH PRUYN AND CO	GLENS FALLS	HUDSON	7 240	40 000	NA	48
P	MOREAU MANUFACTURING CORP	FEEDER DAM	HUDSON	6 000	28 000	U	15
P	NIAGARA MOHAWK PWR CORP	SHERMAN ISLAND	HUDSON	28 800	150 000	U	68
P	NIAGARA MOHAWK PWR CORP	SPIER FALLS	HUDSON	44 400	213 600	U	83
I	INTERNATIONAL PAPER CO	PALMER	HUDSON	3 990	30 000	U	85
I	INTERNATIONAL PAPER CO	CURTIS	HUDSON	5 000	22 000	U	26
P	NIAGARA MOHAWK PWR CORP	STEWARTS BRIDGE	SACANDAGA	30 000	118 000	U	100
P	NIAGARA MOHAWK PWR CORP	E J WEST	SACANDAGA	20 000	62 000	NA	63
P	INDIAN LAKE PWR AND LT CO	CEDAR RIVER	CEDAR	146	400	NA	NA
P	ORANGE AND ROCKLAND UTIL	RIO	MONGAUP	10 000	30 700	13	185
P	ORANGE AND ROCKLAND UTIL	MONGAUP FALLS	MONGAUP	4 000	20 000	U	115
P	ORANGE AND ROCKLAND UTIL	SWINGING BRIDGE 2	MONGAUP	6 750	11 400	16	122
P	ORANGE AND ROCKLAND UTIL	SWINGING BRIDGE 1	MONGAUP	5 000	6 000	10	122
I	ELMORE MILLING CO INC	ONEONTA	SUSQUEHANNA	450	900	NA	NA
I	NEW YORK ST EL AND G CORP	COLLIERS	SUSQUEHANNA	3 810	8 000	U	30
				3 810 229	23 837 900		

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NEW JERSEY							
M	PUBLIC SERVICE EL AND GAS	S'U M	PASSAIC	3 680	28 000	U	68
M	PASSAIC VALLEY WATER COMM	LITTLE FALLS	PASSAIC	2 400	10 000	NA	36
I	HARSCO CORP	HIGH BRIDGE	S BR RARITAN	300	600	NA	33
I	MILLVILLE MFG CO	MILLVILLE	MAURICE	500	2 600	NA	NA
I	RIEGEL PAPER CORP	RIEGELSVILLE	MUSCONETCONG	250	1 100	NA	21
I	RIEGEL PAPER CORP	HUGHESVILLE	MUSCONETCONG	444	1 900	NA	27
I	RIEGEL PAPER CORP	WARREN MILL	MUSCONETCONG	720	4 000	NA	50
				8 294	48 200		
PENNSYLVANIA							
P	PENNSYLVANIA P AND LT CO	†WALLENPAUPACK	LACKAWAXEN	40 000	77 600	158	370
P	PENNSYLVANIA P AND LT CO	†HOLTWOOD	SUSQUEHANNA	107 200	590 000	19	51
P	SAFE HARBOR WTR PWR CORP	†SAFE HARBOR	SUSQUEHANNA	196 000	920 000	63	54
I	INTERNATIONAL PAPER CO	†YORK HAVEN	SUSQUEHANNA	2 500	16 000	NA	21
P	METROPOLITAN EDISON CO	†YORK HAVEN	SUSQUEHANNA	19 620	115 000	U	22
P	PENNSYLVANIA ELEC CO	RAYSTOWN	RAYSTOWN BR	2 100	12 000	U	32
P	PENNSYLVANIA ELEC CO	WARRIOR RIDGE	JUNIATA	2 000	8 900	U	27
I	LEWIS T C COMPANY	HILLSGROVE	LOYALSOCK	100	400	NA	NA
P	PENNSYLVANIA ELEC CO	†OAKLAND	SUSQUEHANNA	600	1 900	U	9
I	REPUBLIC STEEL CORP	BEAVER FALLS	BEAVER	200	800	NA	NA
P	PENNSYLVANIA ELEC CO	†PINEY	CLARION	28 800	73 900	13	83
				399 120	1 816 500		
MIDDLE ATLANTIC TOTAL				4 217 643	25 702 600		
EAST NORTH CENTRAL							
OHIO							
I	VAUGHN MACHINE CO	CUYAHOGA FALLS	CUYAHOGA	149	400	NA	11
I	BENDIX CORP THE	HAMILTON	MIAMI	2 250	12 000	NA	26
I	SORG PAPER CO	MIDDLETOWN	MIAMI	350	700	NA	14
I	ST REGIS PAPER CO	FRANKLIN	MIAMI	600	600	NA	NA
				3 349	13 700		
INDIANA							
M	FORT WAYNE LT AND PWR WKS	MAUMEE DAM	MAUMEE	250	100	NA	10
M	FORT WAYNE LT AND PWR WKS	ST JOE DAM	ST JOE	175	800	NA	10
P	INDIANA AND MICH ELEC CO	TWIN BRANCH	ST JOSEPH	7 260	22 000	U	24
P	INDIANA AND MICH ELEC CO	ELKHART	ST JOSEPH	3 440	16 000	U	19
P	NORTHERN IND PUB SERV CO	BAINTERTOWN	ELKHART	240	800	U	9
P	NORTHERN IND PUB SERV CO	BENTON	ELKHART	320	1 200	U	19
P	RINKEL H G & SONS	GREENFIELD MILLS	FAWN	152	500	NA	NA
P	NORTHERN IND PUB SERV CO	OAKDALE	TIPPECANOE	11 000	35 000	U	45
P	NORTHERN IND PUB SERV CO	NORWAY	TIPPECANOE	6 720	25 000	U	31
				29 557	101 400		
ILLINOIS							
P	NO COUNTIES HYDRO ELEC CO	†DAYTON	FOX	3 680	17 000	NA	30
P	ILLINOIS POWER CO	MARSEILLES	ILLINOIS	2 024	16 000	NA	16
P	SANITARY DIST OF CHICAGO	LOCKPORT	DES PLAINES	19 900	75 000	U	39
P	SEARS WATER POWER CO	SEARS	ROCK	1 440	11 000	NA	11
P	COMMONWEALTH EDISON CO	STERLING	ROCK	2 175	10 000	U	10
P	COMMONWEALTH EDISON CO	DIXON	ROCK	3 200	16 000	U	9
P	CENTRAL ILLINOIS E G CO	FORDAM	ROCK	1 200	3 300	U	9
P	SOUTH BELOIT W G ANDE CO	ROCKTON	ROCK	1 100	6 000	U	12
P	MOLINE WTR PWR CO	MOLINE	MISSISSIPPI	3 600	25 000	NA	12
F	CORPS OF ENGINEERS	ROCK ISLAND	MISSISSIPPI	2 752	20 000	NA	16
				41 071	199 300		
MICHIGAN							
P	HAYDEN FUEL AND SUPPLY CO	TECUMSEH	RAISIN	250	1 300	NA	21
I	FORD MOTOR CO	YPSILANTI	HURON	1 875	8 500	NA	33
M	PENINSULAR PAPER CO	YPSILANTI	HURON	1 400	3 300	NA	13
I	ST LOUIS CITY OF	ST LOUIS	PINE	360	700	NA	10
I	HARRIS MILLING CO	MT PLEASANT	CHIPPEWA	150	500	NA	13
P	WOLVERINE POWER CO	SANFORD	TITTABAWASSEE	3 300	7 000	U	28
P	WOLVERINE POWER CO	EDEVILLE	TITTABAWASSEE	4 800	10 000	U	43
P	WOLVERINE POWER CO	SMALLWOOD	TITTABAWASSEE	1 200	2 600	U	26
P	WOLVERINE POWER CO	SECORDS	TITTABAWASSEE	1 200	3 000	U	48
P	CONSUMERS POWER CO	FOOTE	AU SABLE	9 000	29 200	U	39

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	MICHIGAN (CONTINUED)						
P	CONSUMERS POWER CO	COOKE	AU SABLE	9 000	26 300	U	39
P	CONSUMERS POWER CO	FIVE CHANNELS	AU SABLE	6 000	24 700	U	36
P	CONSUMERS POWER CO	LOUD	AU SABLE	4 000	18 000	U	27
P	CONSUMERS POWER CO	ALCONA	AU SABLE	8 000	25 700	U	39
P	CONSUMERS POWER CO	MIO	AU SABLE	5 000	15 000	U	29
P	ALPENA POWER CO	NINTH STREET	THUNDER BAY	1 200	4 400	U	18
P	ALPENA POWER CO	FOUR MILE D	THUNDER BAY	1 800	7 200	U	26
P	ALPENA POWER CO	NORWAY PT	THUNDER BAY	4 000	10 000	5	37
P	ALPENA POWER CO	HILLMAN	THUNDER BAY	225	100	NA	16
P	CONSUMERS POWER CO	CHEBOYGAN	CHEBOYGAN	1 800	6 400	NA	14
P	CONSUMERS POWER CO	ALVERNO	BLACK	800	2 800	NA	19
M	NORTHERN MICHIGAN EL COOP	KLEBER	BLACK	1 200	4 000	NA	44
M	NORTHERN MICHIGAN EL COOP	TOWER HYDRO	BLACK	560	2 100	NA	21
P	DISON SAULT ELECTRIC CO	CARBIDE	ST MARYS	46 270	270 000	U	21
F	CORPS OF ENGINEERS	ST MARYS FALLS	ST MARYS	18 400	161 200	NA	23
P	CONSUMERS POWER CO	ELK RAPIDS	ELK	1 050	2 200	NA	11
M	CHARLEVOIX CITY OF	BELLAIRE	CEDAR	375	1 400	NA	NA
P	CONSUMERS POWER CO	SABIN	BOARDMAN	1 000	2 900	NA	19
P	CONSUMERS POWER CO	BOARDMAN NO 3	BOARDMAN	2 200	6 000	NA	41
M	TRAVERSE CITY L P DEPT	KEYSTONE	BOARDMAN	500	2 300	NA	22
M	TRAVERSE CITY L P DEPT	BROWN BRIDGE	BOARDMAN	650	2 300	NA	NA
P	CONSUMERS POWER CO	C W TIPPY	MANISTEE	20 000	56 800	U	56
P	CONSUMERS POWER CO	HODENPYL	MANISTEE	18 000	42 200	U	68
M	HART HYDRO ELEC SYSTEM	HART	PENTWATER	300	1 000	NA	NA
P	CONSUMERS POWER CO	NEWAYGO	MUSKEGON	1 880	11 000	U	18
P	CONSUMERS POWER CO	CROTON	MUSKEGON	9 000	37 100	U	41
P	CONSUMERS POWER CO	HARDY	MUSKEGON	30 000	84 500	30	100
P	CONSUMERS POWER CO	ROGERS	MUSKEGON	6 750	26 400	U	40
P	CONSUMERS POWER CO	BIG RAPIDS	MUSKEGON	400	1 800	NA	20
P	CENTRAL PLANT CO	BIG RAPIDS CENTRL	MUSKEGON	500	3 300	NA	16
P	CONSUMERS POWER CO	ADA	THORNAPPLE	2 000	6 700	U	22
P	CONSUMERS POWER CO	CASCADE	THORNAPPLE	2 560	8 000	NA	28
P	CONSUMERS POWER CO	LABARGE	THORNAPPLE	700	3 400	NA	19
P	MIDSTATE SERVICE CO	MIDDLEVILLE	THORNAPPLE	350	1 500	NA	NA
P	MIDSTATE SERVICE CO	IRVING	THORNAPPLE	600	2 300	NA	NA
M	LOWELL VILLAGE OF	LOWELL	FLAT	795	2 700	NA	18
P	CONSUMERS POWER CO	LOWELL	FLAT	900	5 100	U	34
P	CONSUMERS POWER CO	WEBBER	GRAND	3 250	9 100	U	26
M	PORTLAND ELECTRIC DEPT	PORTLAND	GRAND	375	2 400	U	20
M	LANSING WTR AND LT COMM	NORTH LANSING	GRAND	200	1 100	NA	9
M	LANSING WTR AND LT COMM	MOORES PARK	GRAND	1 000	2 600	NA	15
I	MILLER DAIRY FARM	EATON RAPIDS	SPRING CR	768	1 500	NA	NA
M	ALLEGAN CITY OF	ALLEGAN CITY	KALAMAZOO	2 550	7 000	NA	15
P	CONSUMERS POWER CO	ALLEGAN	KALAMAZOO	650	4 000	NA	12
P	CONSUMERS POWER CO	TROWBRIDGE	KALAMAZOO	1 500	9 500	U	22
P	CONSUMERS POWER CO	OTSEGO	KALAMAZOO	1 700	7 900	U	14
P	CONSUMERS POWER CO	PLAINWELL NO 1	KALAMAZOO	900	5 400	U	13
I	HAMILTON PAPER CO MICH	PLAINWELL	KALAMAZOO	200	700	NA	10
M	MARSHALL CITY OF	MARSHALL	KALAMAZOO	319	1 500	NA	15
I	HAMMERMILL PAPER CO	WATERVLIET	PAW PAW	300	1 300	NA	11
M	PAW PAW VILLAGE OF	PAW PAW	W BR PAW PAW	312	800	NA	NA
P	INDIANA AND MICH ELEC CO	BERRIEN SPRINGS	ST JOSEPH	7 200	31 000	U	20
P	INDIANA AND MICH ELEC CO	BUCHANAN	ST JOSEPH	4 104	16 000	NA	13
M	NILES CITY OF	NILES	DOWAGIAC CR	460	3 300	NA	21
I	FRENCH PAPER CO	NILES	ST JOSEPH	1 300	5 500	NA	14
P	MICHIGAN GAS AND EL CO	MOTTVILLE	ST JOSEPH	1 680	7 100	NA	11
P	MICHIGAN GAS AND EL CO	CONSTANTINE	ST JOSEPH	1 200	5 500	NA	11
P	MICHIGAN GAS AND EL CO	PORTAGE	PORTAGE	168	700	NA	11
M	STURGIS CITY OF	STURGIS	ST JOSEPH	880	4 100	NA	26
I	UNION CITY VILLAGE OF	RILEY	ST JOSEPH	418	1 300	NA	15
M	SCOTT PAPER CO	MENOMINEE	MENOMINEE	1 200	8 700	NA	12
P	WISCONSIN PUB SERV CORP	GRAND RAPIDS	MENOMINEE	7 020	36 500	U	28
P	WISCONSIN MICHIGAN PWR CO	WHITE RAPIDS	MENOMINEE	8 000	39 700	U	28
P	WISCONSIN MICHIGAN PWR CO	CHALK HILL	MENOMINEE	7 800	36 700	U	28
M	NORWAY CITY OF	STURGEON FALLS	MENOMINEE	3 500	22 000	NA	26
P	WISCONSIN MICHIGAN PWR CO	STURGEON RIVER	STURGEON	800	4 000	U	66
P	WISCONSIN MICHIGAN PWR CO	BIG QUINNESEC	MENOMINEE	16 000	105 000	U	91
P	WISCONSIN MICHIGAN PWR CO	QUINNESEC FALLS	MENOMINEE	3 530	7 000	U	62
P	WISCONSIN MICHIGAN PWR CO	KINGSFORD	MENOMINEE	7 200	31 200	U	28
P	WISCONSIN MICHIGAN PWR CO	TWIN FALLS	MENOMINEE	6 144	36 800	U	43

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	MICHIGAN (CONTINUED)						
P	WISCONSIN MICHIGAN PWR CO	†MICHIGAMME FALLS	MICHIGAMME	9 600	40 900	U	60
P	WISCONSIN MICHIGAN PWR CO	†HEAVY FALLS	MICHIGAMME	15 000	63 200	3A	94
P	WISCONSIN MICHIGAN PWR CO	†HEMLOCK FALLS	MICHIGAMME	2 800	9 000	U	34
P	WISCONSIN MICHIGAN PWR CO	†WAY DAM	MICHIGAMME	1 800	10 000	U	39
P	WISCONSIN MICHIGAN PWR CO	BRULE ISLAND	BRULE	5 335	15 100	U	61
P	WISCONSIN MICHIGAN PWR CO	†FLOWER POINT	PAINT	100	600	U	22
M	CRYSTAL FALLS LT WTR DEPT	CRYSTAL FALLS	PAINT	900	3 000	NA	21
I	MEAD CORPORATION	ESCANABA NO 1	ESCANABA	1 950	6 700	NA	24
I	MEAD CORPORATION	ESCANABA NO 2	ESCANABA	1 250	6 500	NA	30
I	MEAD CORPORATION	CHANDLER NO 3	ESCANABA	2 500	9 900	NA	28
I	MEAD CORPORATION	BONEY FALLS NO 4	ESCANABA	4 500	14 000	NA	49
I	CLEVELAND CLIFFS IRON CO	ESCANABA	ESCANABA	2 000	5 000	NA	67
I	MANISTIQUE PULP PAPER CO	MANISTIQUE	MANISTIQUE	3 238	1 300	NA	26
I	CLEVELAND CLIFFS IRON CO	AU TRAIN	AU TRAIN	896	5 000	10	137
I	CLEVELAND CLIFFS IRON CO	CARP	CARP	4 480	20 000	NA	608
M	MARQUETTE CITY OF	MARQUETTE NO 3	DEAD	700	3 900	NA	32
M	MARQUETTE CITY OF	MARQUETTE NO 2	DEAD	3 200	12 000	NA	132
M	MARQUETTE CITY OF	MARQUETTE NO 1	DEAD	1 000	700	NA	90
I	CLEVELAND CLIFFS IRON CO	MC CLURE	DEAD	8 000	48 300	U	424
I	CLEVELAND CLIFFS IRON CO	HOIST	DEAD	4 400	15 000	55	148
M	L ANSE VILLAGE OF	L ANSE	FALLS	100	500	NA	NA
P	UPPER PENINSULA PWR CO	PRICKETT	STURGEON	2 200	9 500	7	54
P	UPPER PENINSULA PWR CO	VICTORIA	W BR ONTONAGON	12 000	68 000	NA	218
P	LAKE SUPERIOR DIST PWR CO	SUPERIOR FALLS	MONTREAL	1 320	8 800	U	137
P	LAKE SUPERIOR DIST PWR CO	SAXON	MONTREAL	1 250	9 400	U	145
				415 447	1 798 100		
	WISCONSIN						
I	NICOLET PAPER CORP	WEST DE PERE	FOX	1 122	6 400	NA	8
M	KAUKAUNA ELEC WTR DEPT	RAPID CROCHE	FOX	2 400	13 000	U	8
M	KAUKAUNA ELEC WTR DEPT	†KAUKAUNA	FOX	4 800	36 000	U	23
M	KAUKAUNA ELEC WTR DEPT	BADGER	FOX	5 600	35 000	U	22
I	COMBINED LOCKS PAPER CO	COMBINED LOCKS	FOX	2 375	10 000	NA	21
M	KAUKAUNA ELEC WTR DEPT	LITTLE CHUTE	FOX	3 300	19 000	U	13
I	KIMBERLY CLARK CORP	KIMBERLY	FOX	2 700	13 000	NA	8
I	CONSOLIDATED PAPERS INC	APPLETON	FOX	480	2 600	NA	8
I	FOX RIVER PAPER CORP	APPLETON	FOX	1 315	7 000	NA	11
I	APPLETON WOOLEN MILLS	APPLETON	FOX	100	650	NA	10
I	KIMBERLY CLARK CORP	ATLAS MILL	FOX	1 650	8 900	NA	15
P	WISCONSIN MICHIGAN PWR CO	APPLETON	FOX	1 440	9 800	U	16
I	FOREMOST DAIRIES INC	APPLETON	FOX	120	850	NA	15
I	WHITING GEORGE A PAPER CO	MENASHA	FOX	250	300	NA	8
I	BERGSTROM PAPER CO	NEENAH	FOX	400	1 100	NA	9
P	WISCONSIN MICHIGAN PWR CO	WEYAUWEGA	WAUPACA	400	900	U	13
M	GRESHAM WTR PWR AND EL PL	GRESHAM	RED	275	700	NA	32
I	SHAWANO PAPER MILLS	SHAWANO	WOLF	256	1 400	NA	10
P	WISCONSIN POWER AND LT CO	†SHAWANO	WOLF	700	3 400	U	14
I	MENOMINEE ENTERPRISES INC	KESHENA FALLS	WOLF	340	1 700	U	37
I	MENOMINEE INDIAN MILLS	NEOPIT	W BR WOLF	108	400	NA	NA
P	WHITE RIVER POWER CO	NESHKORO	WHITE	250	1 000	NA	12
P	MILLER EVA	HARRISVILLE	MONTELLO	187	600	NA	NA
I	MONTELLO GRANITE CO	MONTELLO	MONTELLO LAKE	379	500	NA	14
M	WISCONSIN POWER AND LT CO	OXFORD	NEENAH	125	200	U	NA
P	WESTFIELD MILL EL LT CO	WESTFIELD	DUCK CR	125	200	NA	NA
P	PIONEER PWR LT CO	LAWRENCE	DUCK CR	200	400	NA	20
C	OCONTO ELECTRIC COOP	†STILES	OCONTO	1 000	5 000	NA	20
I	FALLS PAPER AND POWER CO	OCONTO FALLS	OCONTO	1 010	2 000	NA	39
P	WISCONSIN PUB SERV CORP	PESHTIGO	PESHTIGO	584	3 200	U	14
P	WISCONSIN PUB SERV CORP	POTATO RAPIDS	PESHTIGO	1 380	4 800	U	18
P	WISCONSIN PUB SERV CORP	SANDSTONE	PESHTIGO	3 840	15 000	U	43
P	WISCONSIN PUB SERV CORP	JOHNSON FALLS	PESHTIGO	3 520	14 000	U	42
P	WISCONSIN PUB SERV CORP	HIGH FALLS	PESHTIGO	7 000	15 000	U	85
P	WISCONSIN PUB SERV CORP	CALDRON FALLS	PESHTIGO	6 400	17 000	U	80
P	WISCONSIN MICHIGAN PWR CO	OCONTO FALLS	OCONTO	1 440	5 900	U	28
I	SCOTT PAPER CO	MARINETTE	MENOMINEE	600	5 700	NA	15
I	KIMBERLY CLARK CORP	NIAGARA WIS	MENOMINEE	5 335	35 000	NA	67
P	WISCONSIN MICHIGAN PWR CO	PINE RIVER	PINE	3 200	19 000	U	94
P	LAKE SUPERIOR DIST PWR CO	WHITE RIVER	WHITE	1 000	4 900	NA	50

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS 1/	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	WISCONSIN (CONTINUED)						
P	LAKE SUPERIOR DIST PWR CO	MELLEN	BAD	450	1 400	NA	80
P	LAKE SUPERIOR DIST PWR CO	ORIENTA FALLS	IRON	800	3 000	U	55
P	WISCONSIN POWER AND LT CO	MONTEREY	ROCK	320	1 800	U	9
P	WISCONSIN POWER AND LT CO	JANESVILLE	ROCK	500	2 200	U	9
P	WISCONSIN POWER AND LT CO	FULTON	YAHARA	300	1 000	U	14
M	STOUGHTON ELEC UTILITIES	STEBBINSVILLE	YAHARA	300	1 000	U	15
M	STOUGHTON ELEC UTILITIES	DUNKIRK	CITY	276	900	U	12
M	STOUGHTON ELEC UTILITIES	CITY	YAHARA	150	500	U	9
M	HUSTISFORD VILLAGE OF	HUSTISFORD	ROCK	100	300	NA	12
M	LA FARGE VILLAGE	LA FARGE	KICKAPOO	120	100	NA	NA
P	WISCONSIN POWER AND LT CO	PRAIRIE DU SAC	WISCONSIN	28 500	110 700	U	40
I	GEORGE MCANIR AND SON	BARABOO	BARABOO	200	800	NA	NA
P	WISCONSIN POWER AND LT CO	BARABOO	BARABOO	200	500	U	12
I	ISLAND WOOLEN CO	BARABOO	BARABOO	412	1 500	NA	18
I	REEDSBURG WOOLEN MILLS	REEDSBURG	BARABOO	150	500	NA	8
P	WISCONSIN POWER AND LT CO	KILBOURN	WISCONSIN	8 200	47 200	U	24
P	WISCONSIN RIVER POWER CO	†CASTLE ROCK	WISCONSIN	15 000	75 000	77	30
P	WISCONSIN RIVER POWER CO	†PETENWELL	WISCONSIN	20 000	102 000	98	42
I	NEKOOSA EDWARDS PAPER CO	†NEKOOSA	WISCONSIN	3 600	24 000	NA	22
I	NEKOOSA EDWARDS PAPER CO	†PORT EDWARDS	WISCONSIN	2 920	17 000	NA	17
I	NEKOOSA EDWARDS PAPER CO	†CENTRALIA	WISCONSIN	3 200	18 000	NA	15
P	CONSOLIDATED WATER PWR CO	†WISCONSIN RAPIDS	WISCONSIN	4 160	25 000	U	33
P	CONSOLIDATED WATER PWR CO	†BIRON NO 2	WISCONSIN	3 300	20 000	5	24
I	WHITING PLOVER PAPER CO	†STEVENS POINT	WISCONSIN	625	900	NA	8
P	WISCONSIN PUB SERV CORP	JORDAN	PLOVER	300	900	U	26
P	CONSOLIDATED WATER PWR CO	†STEVENS POINT	WISCONSIN	3 840	25 000	8	18
P	CONSOLIDATED WATER PWR CO	†DOU BAY	WISCONSIN	7 200	40 000	25	25
I	MOSINEE PAPER MILLS CO	†MOSINEE	WISCONSIN	3 400	23 000	NA	22
I	AMERICAN CAN CO	†TROTHSCHILD	WISCONSIN	4 225	19 000	NA	21
P	WISCONSIN PUB SERV CORP	†WAUSAU WEST	WISCONSIN	5 400	31 000	NA	28
I	WARD PAPER COMPANY	MERRILL	WISCONSIN	135	300	NA	17
P	WISCONSIN PUB SERV CORP	†MERRILL	WISCONSIN	840	6 100	U	14
P	WISCONSIN PUB SERV CORP	†ALEXANDER	WISCONSIN	4 200	25 000	U	23
P	WISCONSIN PUB SERV CORP	†GRANDFATHER	WISCONSIN	17 240	101 000	NA	95
I	OWENS-ILLINOIS GLASS CO	†GRANDMOTHER	WISCONSIN	3 000	15 000	NA	19
P	WISCONSIN PUB SERV CORP	†TOMAHAWK	WISCONSIN	2 600	14 000	U	16
P	WISCONSIN PUB SERV CORP	JERSEY	WISCONSIN	512	2 600	U	15
P	TOMAHAWK PWR CO	†KINGS DAM	WISCONSIN	250	1 000	NA	23
P	WISCONSIN PUB SERV CORP	†HAT RAPIDS	WISCONSIN	1 440	2 175	U	21
I	ST REGIS PAPER CO	†RHINELANDER	WISCONSIN	2 120	10 000	NA	32
P	WISCONSIN PUB SERV CORP	†TOTTER RAPIDS	WISCONSIN	700	2 100	U	13
P	NORTHERN STS PWR CO	NESHONOC	LA CROSSE	200	1 500	U	11
M	BLACK RIVER FALLS CITY OF	BLACK RIVER FALLS	BLACK	920	2 200	NA	18
P	NORTHERN STS PWR CO	HATFIELD	BLACK	4 800	16 000	7	99
P	NORTHERN STS PWR CO	EAU GALLE	EAU GALLE	400	700	U	28
P	NORTHERN STS PWR CO WISC	†MENOMINEE	RED CEDAR	5 400	22 000	U	32
P	NORTHERN STS PWR CO	RED CEDAR FALLS	RED CEDAR	6 000	29 100	5	52
P	NORTHERN STS PWR CO	COLFAX	RED CEDAR	1 200	6 500	U	22
P	NORTHERN STS PWR CO	CHETEK	CHETEK	250	500	U	10
M	BARRON LT AND WTR COMM	BARRON	YELLOW	208	600	U	11
P	NORTHERN STS PWR CO	RICE LAKE	RED CEDAR	320	700	U	11
P	EAU CLAIRE CITY OF	DELLS	CHIPPEWA	9 500	43 800	U	26
P	NORTHERN STS PWR CO	CHIPPEWA FALLS	CHIPPEWA	21 600	73 500	U	30
P	NORTHERN STS PWR CO	WISSOTA	CHIPPEWA	35 280	141 600	81	54
P	NORTHERN STS PWR CO	JIM FALLS	CHIPPEWA	14 400	82 800	U	54
I	NORTHERN STS PWR CO	CORNELL	CHIPPEWA	2 160	17 000	U	38
P	NORTHERN STS PWR CO	†HOLCOMBE	CHIPPEWA	33 750	102 000	42	34
M	LAKE SUPERIOR DIST PWR CO	THORNAPPLE	FLAMBEAU	1 400	7 600	U	13
M	LAKE SUPERIOR DIST PWR CO	PORT ARTHUR	FLAMBEAU	600	2 600	U	17
P	LAKE SUPERIOR DIST PWR CO	LADYSMITH	FLAMBEAU	1 800	11 000	U	17
C	DAIRYLAND PWR COOP	†FLAMBEAU	FLAMBEAU	15 000	68 000	14	68
P	LAKE SUPERIOR DIST PWR CO	BIG FALLS	FLAMBEAU	7 780	35 000	52	34
I	FLAMBEAU POWER CO	†CROWLEY RAPIDS	FLAMBEAU	1 500	4 800	U	20
I	FLAMBEAU POWER CO	PIXLEY RAPIDS	FLAMBEAU	1 200	5 100	U	21
I	FLAMBEAU POWER CO	LOWER PARK FALLS	N FK FLAMBEAU	1 200	4 600	U	19
I	KANSAS CITY STAR CO	UPPER PARK FALLS	N FK FLAMBEAU	400	3 000	U	18
P	NORTH CENTRAL PWR CO	RADISSON	COURT OREILLES	495	900	NA	25
P	NORTH CENTRAL PWR CO	†WINTER	E FK CHIPPEWA	650	2 200	U	25
M	RIVER FALLS MUN UTILITIES	POWELL FALLS	KINNICKINNIC	125	400	NA	18
M	RIVER FALLS MUN UTILITIES	JUNCTION	KINNICKINNIC	250	600	NA	48

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS /	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	WISCONSIN (CONTINUED)						
P	NORTHERN STS PWR CO	ST CROIX	WILLOW	300	400	U	14
P	NORTHERN STS PWR CO	LITTLE FALLS	WILLOW	300	700	U	27
P	NORTHERN STS PWR CO	WILLOW FALLS	WILLOW	600	2 000	U	107
P	NORTHERN STS PWR CO	MOUNDS	WILLOW	180	800	U	50
P	NORTHERN STS PWR CO	APPLE RIVER	APPLE	3 000	11 000	U	83
P	NORTHERN STS PWR CO	RIVERDALE	APPLE	500	3 300	U	23
P	NORTHERN STS PWR CO	MCCLEURE	APPLE	160	1 200	U	13
P	NORTHERN STS PWR CO	HUNTINGDON	APPLE	640	2 900	U	27
P	NORTHERN STS PWR CO	BLACK BROOK	APPLE	540	1 700	U	23
P	NORTHERN STS PWR CO	ST CROIX FALLS	ST CROIX	23 200	114 300	U	59
P	CLAM RIVER DAM CO	CLAM DAM	CLAM	800	4 000	NA	21
P	NORTHWESTERN WIS ELEC CO	CLAM FALLS	CLAM	168	500	NA	30
P	NORTHWESTERN WIS ELEC CO	DANBURY	YELLOW	1 076	6 000	NA	30
P	DAHLBERG LIGHT AND PWR CO	NANCY	TOTOGATIC	450	1 300	NA	NA
P	NORTHERN STS PWR CO	TREGO	NAMAKAGON	1 200	7 000	NA	30
P	LAKE SUPERIOR DIST PWR CO	HAYWARD	NAMAKAGON	168	1 300	NA	18
P	DAHLBERG LIGHT AND PWR CO	GORDON	EAU CLAIRE	257	1 000	NA	NA
				421 218	1 940 675		
	EAST NORTH CENTRAL TOTAL			910 642	4 053 175		
	WEST NORTH CENTRAL						
	MINNESOTA						
P	OTTER TAIL POWER CO	CROOKSTON	RED LAKE	175	900	NA	12
M	THIEF RIV FALLS W L DEPT	THIEF RIVER FALLS	RED LAKE	500	3 000	NA	10
P	OTTER TAIL POWER CO	DAYTON HOLLOW	OTTER TAIL	970	6 000	NA	37
P	OTTER TAIL POWER CO	PISGAH	OTTER TAIL	520	3 600	NA	30
P	OTTER TAIL POWER CO	WRIGHT	OTTER TAIL	400	2 800	NA	24
P	OTTER TAIL POWER CO	HOOT LAKE	OTTER TAIL	1 000	2 500	NA	70
P	OTTER TAIL POWER CO	FRIBERG	OTTER TAIL	560	3 400	NA	40
C	MINNKOTA PWR COOP INC	↑BIG FALLS	BIG FORK	600	3 000	NA	35
I	MINNESOTA ONTARIO PAPER C	INTERNATIONAL FL	RAINY	5 600	25 000	1 325	36
P	MINNESOTA POWER AND LT CO	↑TWINTON	KAWISHIWI	4 000	19 000	8	67
P	MINNESOTA POWER AND LT CO	FOND DU LAC	ST LOUIS	12 000	63 300	U	78
P	MINNESOTA POWER AND LT CO	THOMSON	ST LOUIS	67 320	318 000	U	374
P	MINNESOTA POWER AND LT CO	SCANLON	ST LOUIS	1 600	9 500	U	15
I	NORTHWEST PAPER CO	CLOQUET	ST LOUIS	5 510	28 000	NA	40
P	MINNESOTA POWER AND LT CO	KNIFE FALLS	ST LOUIS	2 400	12 000	U	18
4	HORMEL GEO A CO	AUSTIN	CEDAR	157	50	NA	14
M	LANESBORO PUB UTIL COMM	LANESBORO	ROOT	477	900	NA	30
M	ROCHESTER CITY OF	ZUMBRO	ROCHESTER	1 840	6 000	24	57
P	NORTHERN STS PWR CO	CANNON FALLS	CANNON	1 900	9 200	14	58
P	NORTHERN STS PWR CO	RAPIDAN	BLUE EARTH	1 500	8 600	U	62
M	REDWOOD FALLS PUB UT COMM	REDWOOD FALLS	REDWOOD	500	400	NA	85
M	GRANITE FALLS CITY OF	GRANITE FALLS	MINNESOTA	550	2 500	NA	14
I	FORD MOTOR CO	↑TWIN CITY	MISSISSIPPI	14 400	87 000	U	36
P	NORTHERN STATES PWR CO	↑LOWER DAM	MISSISSIPPI	8 000	52 300	U	24
P	NORTHERN STATES PWR CO	↑HENNEPIN ISLAND	MISSISSIPPI	12 400	91 500	U	49
P	NORTHERN STATES PWR CO	↑MAIN STREET	MISSISSIPPI	960	9 400	NA	49
P	NORTHERN STS PWR CO	COON RAPIDS	MISSISSIPPI	6 500	45 500	U	19
M	ELK RIVER MUNICIPAL UTIL	ELK RIVER	ELK	250	1 000	NA	15
P	NORTHERN STS PWR CO	ST CLOUD 2	MISSISSIPPI	1 000	9 400	U	18
P	NORTHERN STS PWR CO	ST CLOUD 1	MISSISSIPPI	1 200	14 000	U	18
I	COLD SPRING GRANITE CO	FINISHING	SAUK	150	100	NA	9
I	ST REGIS PAPER CO	SARTELL	MISSISSIPPI	2 340	7 400	NA	21
P	MINNESOTA POWER AND LT CO	↑BLANCHARD	MISSISSIPPI	12 000	79 100	U	45
P	MINNESOTA POWER AND LT CO	LITTLE FALLS	MISSISSIPPI	3 520	21 000	U	24
P	MINNESOTA POWER AND LT CO	SYLVAN	CROW WING	1 800	9 800	U	22
P	MINNESOTA POWER AND LT CO	PILLAGER	CROW WING	1 520	9 300	U	22
I	NORTHWEST PAPER CO	BRAINERD	MISSISSIPPI	2 800	15 000	NA	20
P	BLANDIN POWER CO	↑PRAIRIE RIVER	PRAIRIE	1 000	3 400	NA	35
I	BLANDIN PAPER CO	GRAND RAPIDS	MISSISSIPPI	2 200	10 000	NA	20
P	OTTER TAIL POWER CO	BEMIDJI	MISSISSIPPI	740	2 200	NA	23
				182 889	995 050		

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	IOWA						
M	OTTUMWA CITY OF	†OTTUMWA	DES MOINES	3 000	14 000	NA	13
M	FORT DODGE CITY OF	HYDRO	DES MOINES	800	3 500	NA	17
P	UNION ELECTRIC CO	KEOKUK	MISSISSIPPI	<u>124 800</u>	775 000	128	12
P	IOWA ELEC LT AND PWR CO	CEDAR RAPIDS	CEDAR	1 200	3 400	NA	10
P	CEDAR FALLS MUNICIPAL UTL	CEDAR FALLS	CEDAR	1 200	5 200	NA	11
P	INTERSTATE POWER CO	GREENE	SHELL ROCK	200	900	NA	11
M	WAVERLY CITY OF	EAST	CEDAR	495	1 700	U	13
P	IOWA ILLINOIS G AND EL CO	CORALVILLE	IOWA	400	1 400	U	11
I	AMANA WOOLLEN MILLS	AMANA	IOWA	300	900	NA	NA
P	IOWA ELEC LT AND PWR CO	IOWA FALLS	IOWA	580	1 000	NA	25
P	IOWA ELEC LT AND PWR CO	ANAMOSA	WAPSIPINICON	200	800	NA	10
P	IOWA ELEC LT AND PWR CO	MAQUOKETA	MAQUOKETA	1 200	5 000	NA	25
P	INTERSTATE POWER CO	DELHI	MAQUOKETA	1 500	3 500	U	40
P	IOWA ELEC LT AND PWR CO	QUAKER MILLS	MAQUOKETA	265	200	NA	16
P	IOWA ELEC LT AND PWR CO	MANCHESTER	MAQUOKETA	250	400	NA	13
M	ORANGE CITY	ORANGE	LITTLE SIOUX	4 000	15 000	NA	NA
				<u>140 390</u>	<u>831 700</u>		
	MISSOURI						
P	EMPIRE DISTRICT ELEC CO	†OZARK BEACH	WHITE	16 000	60 000	9	54
F	CORPS OF ENGINEERS	TABLE ROCK	WHITE	<u>200 000</u>	493 000	1 182	204
P	UNION ELECTRIC CO OF MO	†OSAGE	OSAGE	<u>172 000</u>	440 000	1 246	92
P	SHO ME POWER CORP	NIANGUA	NIANGUA	3 000	13 000	NA	41
P	MISSOURI PUBLIC SERV CO	OSCEOLA	OSAGE	1 600	7 000	U	14
				<u>392 600</u>	<u>1 013 000</u>		
	NORTH DAKOTA						
F	CORPS OF ENGINEERS	GARRISON	MISSOURI	<u>400 000</u>	1 886 000	18 000	174
				<u>400 000</u>	<u>1 886 000</u>		
	SOUTH DAKOTA						
F	CORPS OF ENGINEERS	FORT RANDALL	MISSOURI	<u>320 000</u>	1 503 000	3 700	138
P	DON JONES	WHITE RIVER	S FK WHITE	250	500	NA	17
F	CORPS OF ENGINEERS	OAHE	MISSOURI	<u>595 000</u>	2 302 000	17 000	205
P	BLACK HILLS PWR AND LT CO	REDWATER NO 2	REDWATER	346	2 400	U	50
P	BLACK HILLS PWR AND LT CO	REDWATER NO 1	REDWATER	1 000	4 300	U	100
I	HOMESTAKE MINING CO	NO 1	SPEARFISH CR	4 000	19 000	NA	667
I	HOMESTAKE MINING CO	NO 2	SPEARFISH CR	4 000	13 000	NA	945
P	HOMESTAKE MINING CO	ENGLEWOOD	ENGLEWOOD CR	400	1 000	NA	486
I	BLACK HILLS PWR AND LT CO	FALL RIVER FALLS	FALL	200	1 500	U	105
F	BUREAU OF RECLAMATION	ANGOSTURA	S FK CHEYENNE	1 200	6 000	NA	113
				<u>926 396</u>	<u>3 852 700</u>		
	NEBRASKA						
M	NORRIS RURAL PUB PWR DIST	BARNESTON	BIG BLUE	720	2 500	NA	19
M	CONSUMERS PUB POWER DIST	BLUE SPRINGS NO 2	BIG BLUE	418	1 200	NA	12
M	ZWONECHEK JOHN D	DE WITT	BIG BLUE	240	800	NA	NA
M	WILBER HYDRO ELEC PLANT	WILBER	BIG BLUE	260	600	NA	NA
M	CONSUMERS PUB POWER DIST	HOLMESVILLE	BIG BLUE	280	900	NA	14
M	IMPERIAL CITY OF	IMPERIAL	FRENCHMAN CR	140	500	NA	17
M	NORFOLK FEED MILLS CO	NORFOLK	ELKHORN	150	400	NA	13
M	LOUP RIVER PUB PWR DIST	†COLUMBUS	LOUP CANAL	39 900	116 000	U	113
M	LOUP RIVER PUB PWR DIST	†MONROE	LOUP CANAL	7 838	30 000	NA	34
M	CONSUMERS PUB POWER DIST	FULLERTON	CEDAR	394	1 200	NA	15
M	SPAULDING MUN LT AND PWR	SPALDING	CEDAR	140	300	NA	16
M	CONSUMERS PUB POWER DIST	ERICSON LAKE	CEDAR	350	700	NA	19
M	CONSUMERS PUB POWER DIST	BOELUS	MIDDLE LOUP	2 000	4 500	NA	32
M	NEBRASKA PUB PWR SYSTEM	KEARNEY	PLATTE	1 500	2 500	U	54
M	NEBRASKA PUB PWR SYSTEM	GOTHENBURG	PLATTE	400	1 700	U	45
M	CTL NEBR PUB PWR 6 I D	†JOHNSON NO 2	PLATTE CANAL	18 000	100 000	U	146
M	CTL NEBR PUB PWR 6 I D	†JOHNSON NO 1	PLATTE CANAL	18 000	100 000	39	118
M	CTL NEBR PUB PWR 6 I D	†JEFFREY CANYON	PLATTE CANAL	18 000	100 000	6	117
M	PLATTE VAL PUB PWR 6 I D	†NORTH PLATTE	N PLATTE CANAL	26 100	100 000	U	213
F	CORPS OF ENGINEERS	GAVINS POINT	MISSOURI	<u>100 000</u>	608 000	320	51
M	CONSUMERS PUB POWER DIST	SPENCER	NIORRARA	2 640	11 000	NA	21
M	CONSUMERS PUB POWER DIST	FORT NIOBRARA	NIORRARA	980	1 700	NA	13
M	CONSUMERS PUB POWER DIST	MINNECHADUZA	MINNECHADUZA CR	200	400	NA	29
				<u>238 650</u>	<u>1 185 300</u>		

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	KANSAS						
P	EMPIRE DISTRICT ELEC CO	LOWELL	SPRING	3 000	8 500	U	24
P	BOHNSACK MLS AND PWR CO	LAWRENCE	KANSAS	1 850	10 000	NA	13
P	KANSAS PWR AND LT CO	ROCKY FORD	BIG BLUE	460	1 300	NA	19
P	KANSAS PWR AND LT CO	MARYSVILLE	BIG BLUE	600	400	NA	14
				5 910	20 200		
	<u>WEST NORTH CENTRAL TOTAL</u>			<u>2 286 835</u>	<u>9 783 950</u>		
	SOUTH ATLANTIC						
	DELAWARE			0	0		
				0	0		
	MARYLAND						
P	SUSQ PWR & PHILA EL PWR	CONOWINGO	SUSQUEHANNA	252 000	1 294 000	71	89
I	DICKEY W J AND SONS INC	OELLA	PATAPSCO	600	3 600	NA	43
P	PENNSYLVANIA ELEC CO	DEEP CREEK	DEEP CREEK	19 200	27 200	93	437
				271 800	1 324 800		
	DIST OF COLUMBIA						
F	CORPS OF ENGINEERS	DALECARLIA	POTOMAC R CANAL	3 000	5 000	U	140
				3 000	5 000		
	VIRGINIA						
P	NORTHERN VIRGINIA PWR CO	WARREN	SHENANDOAH	750	4 200	U	12
P	NORTHERN VIRGINIA PWR CO	LURAY	S FK SHENANDOAH	1 600	9 000	U	18
P	NORTHERN VIRGINIA PWR CO	NEWPORT	S FK SHENANDOAH	1 400	9 000	U	24
P	NORTHERN VIRGINIA PWR CO	SHENANDOAH	S FK SHENANDOAH	862	4 800	U	12
P	VIRGINIA EL AND PWR CO	EMBREY	RAPPAHANNOCK	3 150	21 000	U	51
P	VIRGINIA EL AND PWR CO	HARVELL	APPOMATTOX	500	2 200	U	11
P	VIRGINIA EL AND PWR CO	LOCKS	APPOMATTOX	4 565	17 700	U	73
P	VIRGINIA EL AND PWR CO	MANCHESTER	JAMES	1 000	2 300	U	17
P	VIRGINIA EL AND PWR CO	TWELFTH STREET	JAMES	8 800	35 600	U	22
P	VIRGINIA EL AND PWR CO	PARK	JAMES	2 100	12 000	U	48
M	RICHMOND DEPT OF PUB UTIL	HOLLYWOOD	JAMES	2 025	21 400	U	25
P	VIRGINIA EL AND PWR CO	BELLE ISLE	JAMES	3 000	16 000	U	21
M	RICHMOND DEPT OF PUB UTIL	BYRD PARK	JAMES	1 125	7 600	U	19
I	GEORGIA MARBLE CO	SCHUYLER	ROCKFISH	780	1 400	NA	32
I	GLAMORGAN PIPE AND FNDRY	LYNCHBURG	JAMES	150	200	U	18
P	APPALACHIAN POWER CO	REUSENS	JAMES	12 500	39 000	U	35
I	OWENS-ILLINOIS GLASS CO	HOLCOMBS ROCK	JAMES	1 875	NA	U	17
I	OWENS-ILLINOIS GLASS CO	BIG ISLAND	JAMES	480	2 400	NA	12
M	BEDFORD TOWN OF	SNOWDEN	JAMES	1 000	7 000	U	18
P	VIRGINIA EL AND PWR CO	CUSHAW	JAMES	7 500	28 000	U	27
P	VIRGINIA EL AND PWR CO	BALCONY FALLS	JAMES	1 920	10 000	U	15
M	CRAIG BOTETOURT COOP	MEADOW CREEK	MEADOW CR	300	1 600	NA	606
M	BARC ELEC COOP	FALLING SPRINGS	FALLING SPR CR	420	1 400	NA	515
P	VIRGINIA EL AND PWR CO	EMPORIA	MEHERRIN	2 160	7 500	U	41
F	CORPS OF ENGINEERS	JOHN H KERR	ROANOKE	204 000	438 000	1 046	92
P	VIRGINIA EL AND PWR CO	HALIFAX	BANNISTER	1 000	5 900	U	30
I	DAN RIVER MILLS INC	RIVERSIDE	DAN	2 450	10 000	NA	21
I	DAN RIVER MILLS INC	SCHOOLFIELD	DAN	5 300	15 000	NA	28
M	MARTINSVILLE CITY OF	SMITH	SMITH	1 300	5 000	U	32
F	CORPS OF ENGINEERS	PHILPOTT	SMITH	14 000	25 400	111	162
M	DANVILLE WT G AND EL DEPT	PINNACLES	DAN	10 125	30 000	U	701
P	APPALACHIAN POWER CO	NIAGARA	ROANOKE	2 400	13 000	NA	61
M	RADFORD MUNICIPAL PWR	*RADFORD	LITTLE	800	4 000	NA	40
P	APPALACHIAN POWER CO	*LAYTOR	NEW	75 000	190 000	95	116
P	APPALACHIAN POWER CO	BUCK	NEW	8 505	32 000	U	44
P	APPALACHIAN POWER CO	BYLLESBY NO 2	NEW	21 600	48 000	U	58
I	WASHINGTON MILLS CO	FRIES	NEW	3 050	16 000	NA	40
I	FIELDS MFG CO	MOUTH OF WILSON	WILSON CR	250	600	NA	NA
				409 742	1 094 200		

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	WEST VIRGINIA						
P	POTOMAC LT AND PWR CO	MILLVILLE	SHENANDOAH	2 840	18 000	U	26
P	POTOMAC LT AND PWR CO	HARPERS FERRY	POTOMAC	840	6 100	U	26
P	POTOMAC LT AND PWR CO	DAM NO 4	POTOMAC	1 000	7 500	U	19
P	POTOMAC LT AND PWR CO	DAM NO 5	POTOMAC	1 120	7 600	U	17
P	POTOMAC LT AND PWR CO	CACAPON	CACAPON	720	2 000	U	24
P	ROYAL GLENN PWR CO	ROYAL GLENN	S BR POTOMAC	370	1 000	NA	9
P	KANAWHA VALLEY POWER CO	WINFIELD	KANAWHA	14 760	100 000	U	27
P	KANAWHA VALLEY POWER CO	MARMET	KANAWHA	14 400	80 000	U	24
P	KANAWHA VALLEY POWER CO	LONDON	KANAWHA	14 400	80 000	U	24
I	UNION CARBIDE CARBON CORP	GLEN FERRIS	KANAWHA	4 680	38 000	NA	36
I	UNION CARBIDE CARBON CORP	HAWKS NEST	NEW	102 000	495 000	U	164
P	WEST PENN POWER CO	LAKE LYNN	CHEAT	31 200	139 000	20	82
				208 330	974 200		
	NORTH CAROLINA						
P	VIRGINIA EL AND PWR CO	ROANOKE RAPIDS	ROANOKE	100 080	325 500	38	76
P	VIRGINIA EL AND PWR CO	GASTON	ROANOKE	177 920	303 000	20	68
I	SPRAY COTTON MILLS	SPRAY	SMITH	1 000	2 600	NA	38
I	WASHINGTON MILLS CO	MAYODAN	MAYO	1 200	6 000	NA	17
P	DUKE POWER CO	WALNUT COVE	DAN	544	1 600	NA	18
I	ROCKY MOUNT MILLS	ROCKY MOUNT	TAR	1 600	4 500	NA	24
M	WILSON UTILITIES	WILSON	CONTENTNEA CR	312	800	5	13
M	DURHAM CITY OF	LAKE MICHIE	FLAT	1 500	6 600	NA	80
I	ELK EASTERN MILLS INC	HOPE MILLS	ROCKFISH CR	450	1 900	NA	24
I	RAEFORD POWER AND MFG CO	RAEFORD	ROCKFISH CR	800	600	NA	NA
I	ODELL J M MFG CO	BYNUM	HAW	600	1 600	NA	15
I	SELLERS MFG CO	SAXAPAHAW	HAW	1 500	3 000	NA	12
I	VIRGINIA MILLS INC	SWEPSONVILLE	HAW	900	3 500	NA	15
P	WOODY T C	ROCKY RIVER	ROCKY	160	500	NA	NA
P	CAROLINA POWER AND LT CO	BLEWETT FALLS	PEE DEE	24 600	134 000	58	50
P	CAROLINA POWER AND LT CO	TILLERY	YADKIN	84 000	200 000	88	72
P	YADKIN INC	YADKIN FALLS	YADKIN	29 500	127 000	U	55
P	YADKIN INC	YADKIN NARROWS	YADKIN	47 000	246 000	129	177
P	YADKIN INC	TUCKERTOWN	YADKIN	42 000	130 000	7	55
P	YADKIN INC	HIGH ROCK	YADKIN	33 000	129 000	235	59
P	DUKE POWER CO	IDOLS	YADKIN	1 411	6 200	NA	10
P	DUKE POWER CO	PILOT MOUNTAIN	ARARAT	500	1 900	NA	18
P	DUKE POWER CO	MOUNT AIRY NO 2	ARARAT	448	1 500	NA	18
P	DUKE POWER CO	MOUNT AIRY NO 1	ARARAT	160	300	NA	18
P	DUKE POWER CO	CARTERS FALLS	ELKIN	180	800	NA	77
I	STOWE MILLS INC	MCADENVILLE	SOUTH FORK	400	3 200	NA	NA
P	DUKE POWER CO	SPENCER MOUNTAIN	SOUTH FORK	640	4 600	NA	24
I	HARDEN MFG CO	DALLAS	SOUTH FORK	200	700	NA	NA
I	BURLINGTON INDUSTRIES	HIGH SHOALS NO 3	SOUTH FORK	1 700	5 400	NA	25
I	RHYNE MILLS INC	LINCOLN PLANT	SOUTH FORK	150	1 200	NA	NA
I	HENRY RIVER MILLS CO	HENRY RIVER	HENRY FORK	125	500	NA	35
P	DUKE POWER CO	MOUNTAIN ISLAND	CATAWBA	60 000	104 000	26	76
P	DUKE POWER CO	COWANS FORD	CATAWBA	262 500	154 000	415	112
P	DUKE POWER CO	LOOKOUT SHOALS	CATAWBA	18 720	84 000	U	77
P	DUKE POWER CO	OXFORD	CATAWBA	36 000	91 000	52	90
P	DUKE POWER CO	LITTLE RIVER	LITTLE	500	500	NA	50
P	DUKE POWER CO	GUNPOWDER NO 2	GUNPOWDER CR	100	200	NA	25
P	DUKE POWER CO	GUNPOWDER NO 1	GUNPOWDER CR	400	1 200	NA	75
P	DUKE POWER CO	RHODISS	CATAWBA	25 500	53 000	39	59
P	DUKE POWER CO	BRIDGEWATER	CATAWBA	20 000	38 000	289	137
P	DUKE POWER CO	LAKE TAHOMA	BUCK CR	240	1 000	NA	60
I	LILY MILLS CO	SHELBY	FIRST BROAD	600	1 800	NA	25
I	CLEVELAND MILL AND PWR CO	LAWNDALE	FIRST BROAD	888	2 600	NA	NA
I	CONE MILLS CORP	CLIFFSIDE	SECOND BROAD	1 625	2 900	NA	30
P	DUKE POWER CO	TURNER SHOALS	GREEN	5 500	14 000	U	85
P	DUKE POWER CO	TUXEDO	GREEN	5 000	21 000	U	296
P	CAROLINA MOUNTAIN PWR CO	LAKE LURE	BROAD	3 600	10 000	14	100
F	TENNESSEE VALLEY AUTH	HIWASSEE 3/	HIWASSEE	57 600	250 000	353	244
P	NANTAHALA PWR AND LT CO	MISSION	HIWASSEE	1 800	12 000	U	43
P	TENNESSEE VALLEY AUTH	CHATUGE	HIWASSEE	10 000	30 000	229	126
P	TAPOCO INC	CHEOAH	LITTLE TENNESSEE	110 000	500 000	U	190
P	TAPOCO INC	SANTEELAH	CHEOAH	45 000	193 000	133	663
P	TENNESSEE VALLEY AUTH	FONTANA	LITTLE TENNESSEE	202 500	910 000	1 136	431
P	NANTAHALA PWR AND LT CO	TUCKASEGEE	W FK TUCKASEGEE	3 000	12 000	U	120
P	NANTAHALA PWR AND LT CO	THORPE	W FK TUCKASEGEE	21 600	89 000	67	1 207

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS V	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	NORTH CAROLINA (CONTINUED)						
P	NANTAHALA PWR AND LT CO	CEDAR CLIFF	E FK TUCKASEGEE	6 375	24 000	U	172
P	NANTAHALA PWR AND LT CO	BEAR CREEK	E FK TUCKASEGEE	9 000	31 500	5	230
P	NANTAHALA PWR AND LT CO	TENNESSEE CREEK	E FK TUCKASEGEE	10 800	40 000	9	520
P	NANTAHALA PWR AND LT CO	QUEENS CREEK	QUEENS CREEK	1 440	6 000	U	999
P	NANTAHALA PWR AND LT CO	NANTAHALA	NANTAHALA	43 200	232 000	126	1 008
M	HIGHLANDS TOWN OF	HIGHLANDS	CULLASAJA CR	200	1 200	U	220
P	CAROLINA POWER AND LT CO	WALTERS	PIGEON	108 000	306 000	20	861
P	CAROLINA POWER AND LT CO	MARSHALL	FRENCH BROAD	3 000	18 000	U	33
M	CASCADE POWER CO	CASCADE	LITTLE	1 000	4 300	NA	NA
P	BLUE RIDGE EL MEMB CORP	SHARPE FALLS	NEW	175	1 000	NA	16
M	NEW RIVER LT AND POWER CO	HYDRO	NEW	180	900	NA	NA
				1 630 623	4 894 100		
	SOUTH CAROLINA						
I	SONOCO PRODUCTS CO	HARTSVILLE	BLACK CR	318	800	NA	NA
M	SO CAROLINA PUB SERV AUTH	SPINOPOLIS	SANTEE&COOPER	132 615	517 000	1 100	70
M	SO CAROLINA PUB SERV AUTH	SPILLWAY	SANTEE	1 920	13 000	1 100	47
P	DUKE POWER CO	WATEREE	WATEREE	56 000	190 000	175	77
P	DUKE POWER CO	TROCKY CREEK	CATAWBA	28 000	7 600	U	58
P	DUKE POWER CO	CDAR CREEK	CATAWBA	45 000	114 000	U	57
P	DUKE POWER CO	DEARBORN	CATAWBA	45 000	85 000	U	69
P	DUKE POWER CO	GREAT FALLS	CATAWBA	24 000	48 000	U	71
P	DUKE POWER CO	FISHING CREEK	CATAWBA	36 720	105 000	37	58
P	DUKE POWER CO	WYLIE	CATAWBA	60 000	107 000	150	68
P	SO CAROLINA EL AND GAS CO	COLUMBIA	BROAD	10 600	50 500	U	32
P	SO CAROLINA EL AND GAS CO	PARR	BROAD	14 880	75 000	NA	35
I	RIVERDALE MILLS	SPARTANBURG	ENOREE	1 300	4 900	NA	42
P	DUKE POWER CO	VAN PATTON	ENOREE	600	3 200	NA	55
I	STARTEX MILLS	PRINT CRASH	SOUTH TIGER	3 200	5 400	NA	72
I	STEVENS J P & CO INC	APALACHE	SOUTH TIGER	1 625	2 300	NA	50
P	SO CAROLINA EL & GAS CO	NEAL SHOALS	BROAD	5 200	30 000	NA	25
P	LOCKHART POWER CO	LOCKHART	BROAD	12 300	70 000	U	52
I	PACOLET MANUFACTURING CO	PACOLET S C	PACOLET	2 500	8 300	NA	27
I	CLIFTON MFG CO	CLIFTON	PACOLET	2 575	9 100	NA	34
M	SPARTANBURG COMM PUB WKS	SPARTANBURG	S FK PACOLET	1 000	2 500	NA	65
I	INDIAN HEAD MILLS	FINGERVILLE	N FK PACOLET	125	700	NA	NA
P	DUKE POWER CO	99 ISLANDS	BROAD	18 000	56 000	U	68
I	BURLINGTON INDUSTRIES	CHEROKEE FALLS	BROAD	1 817	6 500	U	17
P	DUKE POWER CO	GASTON SHOALS	BROAD	9 140	36 000	U	46
P	SO CAROLINA EL AND GAS CO	SALUDA	SALUDA	130 000	217 000	1 613	189
M	GREENWOOD COUNTY COMM	BUZZARD ROOST	SALUDA	15 000	47 000	174	55
P	DUKE POWER CO	BOYDS MILL	REEDY	960	5 000	NA	42
P	DUKE POWER CO	TUMBLING SHOALS	REEDY	300	500	NA	16
I	RIEGL TEXTILE CORP	WARE SHOALS	SALUDA	4 266	17 000	NA	66
P	DUKE POWER CO	HOLIDAY	SALUDA	3 600	12 000	NA	41
I	PELZER MILLS	PELZER	SALUDA	5 300	21 000	NA	39
I	STEVENS J P AND CO INC	PIEDMONT	SALUDA	1 000	3 700	NA	24
P	DUKE POWER CO	SALUDA	SALUDA	2 600	8 000	NA	41
I	GRANITEVILLE CO	GRANITEVILLE	HORSE CR	450	1 200	NA	42
I	GRANITEVILLE CO	VAUCLUSE	HORSE CR	480	800	NA	53
I	JOHN P KING MFG CO	KING	SAVANNAH CANAL	2 250	11 000	U	NA
F	CORPS OF ENGINEERS	CLARK HILL	SAVANNAH	280 000	700 000	1 045	152
M	ABBEVILLE WTR EL PLT	ABBEVILLE	ROCKY	2 800	9 200	26	80
I	NORRIS COTTON MILLS CO	CATEECHEE	TWELVE MILE CR	900	4 200	NA	NA
				964 341	2 605 400		
	GEORGIA						
I	GRANITEVILLE CO	ENTERPRISE	SAVANNAH CANAL	1 200	6 200	U	30
I	GRANITEVILLE CO	SIBLEY	SAVANNAH CANAL	2 100	11 000	U	30
I	BLANCHE COTTON MILLS	BLANCHE	SAVANNAH CANAL	249	250	U	NA
P	SO CAROLINA EL AND G CO	STEVENS CREEK	SAVANNAH	18 880	90 000	13	29
F	CORPS OF ENGINEERS	HARTWELL	SAVANNAH	264 000	453 000	1 415	192
P	GEORGIA POWER CO	YONAH	TUGALOO	22 500	50 800	U	70
P	GEORGIA POWER CO	TUGALO	TUGALOO	45 000	108 200	U	144
P	GEORGIA POWER CO	TALLULAH FALLS	TALLULAH	72 000	170 600	U	603
P	GEORGIA POWER CO	MATHIS-TERRORA	TALLULAH	16 000	46 300	U	190
P	GEORGIA POWER CO	NACOCHEE	TALLULAH	4 800	14 000	U	61
P	GEORGIA POWER CO	BURTON	TALLULAH	6 120	19 700	87	114
P	GEORGIA POWER CO	INCLAIR	OCONEE	45 000	160 000	111	88
P	GEORGIA POWER CO	BARNETT SHOALS	OCONEE	2 800	15 000	U	50
I	JULIETTE MILLING CO	MACON	OCMULGEE	1 022	2 000	NA	NA
P	GEORGIA POWER CO	LLOYD SHOALS	OCMULGEE	14 400	67 000	44	102

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
GEORGIA (CONTINUED)							
I	BIBB MFG CO	PORTERDALE	YELLOW	1 500	5 000	NA	48
I	PARKS JOHN L	MILSTEAD	YELLOW	800	2 900	NA	42
I	CORPS OF ENGINEERS	WALTER F GEORGE	CHATTAHOOCHEE	130 000	436 000	207	87
I	EAGLE AND PHENIX MILLS	COLUMBUS	CHATTAHOOCHEE	4 100	25 000	NA	26
I	CITY MILLS CO	COLUMBUS	CHATTAHOOCHEE	180	300	NA	10
P	GEORGIA POWER CO	↑N HIGHLANDS RDV	CHATTAHOOCHEE	29 600	120 000	NA	38
P	GEORGIA POWER CO	↑OLIVER	CHATTAHOOCHEE	60 000	254 800	6	65
P	GEORGIA POWER CO	↑GOAT ROCK	CHATTAHOOCHEE	26 000	193 700	U	65
P	GEORGIA POWER CO	↑BARTLETTS FERRY	CHATTAHOOCHEE	65 000	366 400	57	115
P	GEORGIA POWER CO	RIVERVIEW	CHATTAHOOCHEE	480	3 600	U	15
P	GEORGIA POWER CO	LANGDALE	CHATTAHOOCHEE	1 040	7 000	U	16
P	GEORGIA POWER CO	↑MORGAN FALLS	CHATTAHOOCHEE	16 800	68 000	U	46
I	CORPS OF ENGINEERS	↑BUDFORD	CHATTAHOOCHEE	86 000	170 000	1 049	154
I	HABERSHAM MILLS	HABERSHAM	SOQUE	1 640	4 700	NA	67
P	GEORGIA POWER CO	↑FLINT RIVER	FLINT	5 400	47 400	U	NA
M	CRISP COUNTY POWER COMM	↑WARWICK	FLINT	15 200	58 000	6	30
I	THOMPSON WEINMAN CO	CARTERSVILLE	ETOWAH	625	3 500	NA	NA
F	CORPS OF ENGINEERS	ALLATOONA	ETOWAH	74 000	145 000	285	146
F	TENNESSEE VALLEY AUTH	BLUE RIDGE	TOCOCA	20 000	35 000	183	150
F	TENNESSEE VALLEY AUTH	NOTTLEY	NOTTLEY	15 000	40 000	171	174
P	GEORGIA POWER CO	ESTATOAH	ESTATOAH CR	240	1 000	U	580
				1 069 776	3 201 350		
FLORIDA							
P	FLORIDA POWER CORPORATION	DUNNELLON	WITHLACOOCHIEE	3 213	14 000	U	25
P	FLORIDA POWER CORPORATION	↑JACKSON BLUFF	OCKLOCKONEE	8 800	14 000	18	35
P	FLORIDA PUB UTILITIES CO	BLUE SPRINGS	MERRITTS POND	140	500	NA	14
F	CORPS OF ENGINEERS	JIM WOODRUFF	APALACHICOLA	30 000	220 000	36	32
				42 153	248 500		
	<u>SOUTH ATLANTIC TOTAL</u>			<u>4 599 765</u>	<u>14 347 550</u>		
	<u>EAST SOUTH CENTRAL</u>						
KENTUCKY							
F	TENNESSEE VALLEY AUTH	KENTUCKY	TENNESSEE	160 000	1 160 000	U	52
F	CORPS OF ENGINEERS	WOLF CREEK	CUMBERLAND	270 000	867 000	2 142	173
P	LOUISVILLE GAS AND EL CO	↑OHIO FALLS	OHIO	80 320	369 000	NA	33
P	KENTUCKY UTILITIES CO	↑LOCK NO 7	KENTUCKY	2 040	11 000	NA	15
P	KENTUCKY UTILITIES CO	DIX DAM	DIX	28 257	65 000	123	243
				540 617	2 472 000		
TENNESSEE							
F	TENNESSEE VALLEY AUTH	PICKWICK LANDING	TENNESSEE	216 000	1 300 000	U	54
F	TENNESSEE VALLEY AUTH	HALES BAR	TENNESSEE	99 700	555 000	12	41
F	TENNESSEE VALLEY AUTH	CHICKAMAUGA	TENNESSEE	108 000	760 000	U	41
F	TENNESSEE VALLEY AUTH	OCOE NO 1	OCOE	18 000	65 000	33	117
F	TENNESSEE VALLEY AUTH	OCOE NO 2	OCOE	21 000	130 000	U	255
F	TENNESSEE VALLEY AUTH	OCOE NO 3	OCOE	27 000	180 000	U	320
F	TENNESSEE VALLEY AUTH	APALACHIA	HIWASSEE	75 000	460 000	36	442
F	TENNESSEE VALLEY AUTH	WATTS BAR	TENNESSEE	150 000	790 000	214	66
F	TENNESSEE VALLEY AUTH	NORRIS	CLINCH	100 800	390 000	1 761	199
P	TAPOCO INC	↑CHILHOWEE	LITTLE TENNESSEE	50 000	186 000	7	62
P	TAPOCO INC	↑CALDERWOOD	LITTLE TENNESSEE	121 500	558 000	U	213
F	TENNESSEE VALLEY AUTH	FORT LOUDOUN	TENNESSEE	128 000	530 000	79	72
F	TENNESSEE VALLEY AUTH	DOUGLAS	FRENCH BROAD	112 000	355 000	1 358	133
F	TENNESSEE VALLEY AUTH	NOLICHUCKY	NOLICHUCKY	10 640	40 000	5	72
F	TENNESSEE VALLEY AUTH	CHEROKEE	HOLSTON	120 000	330 000	1 412	152
F	TENNESSEE VALLEY AUTH	WILBUR	WATAUGA	10 700	25 000	U	69
F	TENNESSEE VALLEY AUTH	WATAUGA	WATAUGA	50 000	120 000	518	312
F	TENNESSEE VALLEY AUTH	FT PATRICK HENRY	S FK HOLSTON	36 000	100 000	U	77
F	TENNESSEE VALLEY AUTH	BOONE	S FK HOLSTON	75 000	190 000	150	125
F	TENNESSEE VALLEY AUTH	SOUTH HOLSTON	S FK HOLSTON	35 000	120 000	519	244
F	CORPS OF ENGINEERS	CHEATHAM	CUMBERLAND	36 000	160 000	20	31
F	CORPS OF ENGINEERS	OLD HICKORY	CUMBERLAND	100 000	420 000	63	60
F	CORPS OF ENGINEERS	CENTER HILL	CANEY FORK	135 000	351 000	492	176
F	TENNESSEE VALLEY AUTH	GREAT FALLS	CANEY FORK	31 860	150 000	50	156
F	CORPS OF ENGINEERS	DALE HOLLOW	OBEY	54 000	127 000	496	151
				1 921 200	8 392 000		

SEE FOOTNOTES AT END OF TABLE.

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TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	ALABAMA						
M	ALABAMA ELECTRIC COOP INC	ELBA	PEA	1 480	7 000	NA	29
M	ALABAMA ELECTRIC COOP INC	POINT A HYDRO	CONECUH	5 200	25 000	U	38
M	ALABAMA ELECTRIC COOP INC	GANTT	CONECUH	2 440	9 200	8	30
P	ALABAMA POWER CO	↑JOHN H BANKHEAD	BLACK WARRIOR	45 125	188 000	26	69
P	ALABAMA POWER CO	↑LEWIS SMITH	SIPSEY FK	157 500	209 000	394	255
P	ALABAMA POWER CO ETAL	THURLOW DAM	TALLAPOOSA	50 000	206 000	U	96
I	MT VERNON MILLS	TALLASSEE MILLS	TALLAPOOSA	8 000	20 000	U	90
P	ALABAMA POWER CO	YATES	TALLAPOOSA	32 000	131 000	9	55
P	ALABAMA POWER CO	↑MARTIN DAM	TALLAPOOSA	154 200	315 000	1 375	145
P	ALABAMA POWER CO	↑JORDAN NO 1	COOSA	100 000	559 400	44	89
P	ALABAMA POWER CO	↑MITCHELL	COOSA	72 500	386 800	33	66
P	ALABAMA POWER CO	↑LAY DAM	COOSA	64 800	374 500	37	69
P	ALABAMA POWER CO	↑WEISS	COOSA	87 750	216 000	212	43
F	TENNESSEE VALLEY AUTH	WILSON	TENNESSEE	598 000	2 552 000	U	96
F	TENNESSEE VALLEY AUTH	WHEELER	TENNESSEE	356 400	1 292 000	U	46
F	TENNESSEE VALLEY AUTH	GUNTERSVILLE	TENNESSEE	97 200	740 000	U	43
				1 832 595	7 230 900		
	MISSISSIPPI			0	0		
				0	0		
	EAST SOUTH CENTRAL TOTAL			4 294 412	18 094 900		
	WEST SOUTH CENTRAL						
	ARKANSAS						
F	CORPS OF ENGINEERS	NARROWS	LITTLE MISSOURI	17 000	28 400	202	145
P	ARKANSAS PWR AND LT CO	↑REMEL	OUACHITA	9 300	50 000	21	49
P	ARKANSAS PWR AND LT CO	↑CARPENTER	OUACHITA	56 000	104 000	120	95
P	CORPS OF ENGINEERS	BLAKELY MOUNTAIN	OUACHITA	75 000	162 000	1 286	181
F	ARKANSAS MISSOURI P CORP	MAAMOTH SPRING 3	SPRING	600	3 600	NA	20
P	ARKANSAS MISSOURI P CORP	MAAMOTH SPRING 1	SPRING	440	2 500	NA	20
F	CORPS OF ENGINEERS	NORFORK	NORTH FORK	70 000	196 000	448	175
F	CORPS OF ENGINEERS	BULL SHOALS	WHITE	340 000	785 000	1 003	197
				568 340	1 331 500		
	LOUISIANA			0	0		
				0	0		
	OKLAHOMA						
F	CORPS OF ENGINEERS	TENKILLER FERRY	ILLINOIS	34 000	114 500	345	142
F	CORPS OF ENGINEERS	FORT GIBSON	GRAND	45 000	190 500	U	60
M	GRAND RIVER DAM AUTHORITY	↑PENSACOLA	GRAND	86 400	311 000	554	120
				165 400	616 000		
	TEXAS						
F	CORPS OF ENGINEERS	↑WHITNEY	BRAZOS	30 000	83 000	132	92
M	BRAZOS RIVER AUTHORITY	↑MORRIS SHEPPARD	BRAZOS	22 500	89 000	376	126
M	AUSTIN CITY OF	↑AUSTIN Marshall Ford	COLORADO	13 500	70 000	9	62
M	LOWER COLORADO R AUTH	↑MANSFIELD ORD	COLORADO	67 500	200 000	841	150
M	LOWER COLORADO R AUTH	↑MARBLE FALLS	COLORADO	30 000	56 000	U	57
M	LOWER COLORADO R AUTH	↑GRANITE SHOAL	COLORADO	45 000	86 000	U	87
M	LOWER COLORADO R AUTH	↑INKS	COLORADO	12 500	46 000	U	61
M	LOWER COLORADO R AUTH	↑BUCHANAN 3/	COLORADO	33 750	100 000	770	132
P	CENTRAL PWR AND LT CO	↑CUERO	GUADALUPE	1 050	4 000	U	15
P	CENTRAL PWR AND LT CO	↑GONZALES	GUADALUPE	1 200	4 000	U	15
I	ZEDLER C AND SONS	LULING	SAN MARCOS	200		NA	9
P	GUADALUPE BLANCO RIV AUTH	↑H 5	GUADALUPE	2 400	7 700	NA	28
P	GUADALUPE BLANCO RIV AUTH	↑H 4	GUADALUPE	2 400	7 700	NA	27
P	GUADALUPE HYDRO EL CORP	↑GUADALUPE HYDRO	GUADALUPE	308	1 500	NA	9
P	GUADALUPE BLANCO RIV AUTH	↑NOLTE TP 5	GUADALUPE	2 480	7 000	NA	27
M	SEGUIN CITY OF	↑SEGUIN	GUADALUPE	250	1 600	8	9
P	GUADALUPE BLANCO RIV AUTH	↑TP 4	GUADALUPE	2 400	7 800	NA	29
P	GUADALUPE BLANCO RIV AUTH	↑ABBOTT TP 3	GUADALUPE	2 800	8 900	NA	30
P	GUADALUPE BLANCO RIV AUTH	↑DUNLAP TP 1	GUADALUPE	3 600	13 400	NA	46
M	SAN ANTONIO CITY OF	↑LANDA	COMAL	600	500	NA	24

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	TEXAS NAME OF OWNER						
F	INTL BNDRY AND WTR COMM	FALCON	RIO GRANDE	31 500	87 500	2 412	115
P	CENTRAL PWR AND LT CO	EAGLE PASS	RIO GRANDE CANAL	9 600	50 000	U	83
P	CENTRAL PWR AND LT CO	LAKE WALK	DEVILS	1 350	5 100	U	35
P	CENTRAL PWR AND LT CO	DEVILS LAKE	DEVILS	1 800	6 000	5	45
M	RED BLUFF W PWR CONT DIST	RED BLUFF	PECOS	2 300	7 000	NA	83
F	CORPS OF ENGINEERS	DENISON	RED	70 000	247 000	1 730	108
				390 988	1 196 700		
	WEST SOUTH CENTRAL TOTAL			1 124 728	3 144 200		
	MOUNTAIN						
	MONTANA						
P	MONTANA POWER CO THE	MYSTIC LAKE	W ROSEBUD CR	10 000	52 500	21	1 128
P	CORPS OF ENGINEERS	FORT PECK	MISSOURI	165 000	960 000	3 900	213
P	MONTANA POWER CO THE	MORONY	MISSOURI	45 000	310 000	8	83
P	MONTANA POWER CO THE	RYAN	MISSOURI	48 000	450 000	U	151
P	MONTANA POWER CO THE	COCHRANE	MISSOURI	48 000	245 000	U	76
P	MONTANA POWER CO THE	RAINBOW	MISSOURI	35 600	292 000	U	112
P	MONTANA POWER CO THE	BLACK EAGLE	MISSOURI	16 800	156 000	U	52
P	MONTANA POWER CO THE	HOLTER	MISSOURI	38 400	226 000	82	109
P	MONTANA POWER CO THE	HAUSER LAKE	MISSOURI	17 000	111 000	62	67
F	BUREAU OF RECLAMATION	CANYON FERRY	MISSOURI	50 000	330 000	1 615	150
P	MONTANA POWER CO THE	MADISON NO 2	MADISON	9 000	73 000	39	119
P	WASHINGTON WTR PWR CO THE	NOXON RAPIDS	CLARK FORK	282 880	1 950 000	334	152
P	MONTANA POWER CO THE	THOMPSON FALLS	CLARK FORK	30 000	310 000	15	60
P	MONTANA POWER CO THE	KERR	FLATHEAD	168 000	1 100 000	1 217	187
P	PACIFIC PWR AND LT CO	BIG FORK	SWAN	4 150	31 000	U	105
F	BUREAU OF RECLAMATION	HUNGRY HORSE	S FK FLATHEAD	285 000	843 000	2 980	477
F	BUREAU OF INDIAN AFFAIRS	BIG CREEK	BIG CR	360	1 100	U	585
P	MONTANA POWER CO THE	MILLTOWN	CLARK FORK	3 040	20 000	U	32
P	MONTANA POWER CO THE	FLINT CREEK	FLINT CR	1 100	8 000	23	717
P	MONTANA LT AND PWR CO	TROY	LAKE CR	4 500	25 000	NA	161
				1 261 830	7 493 600		
	IDAHO						
P	UTAH POWER AND LIGHT CO	ONEIDA	BEAR	30 000	53 000	12	145
P	UTAH POWER AND LIGHT CO	COVE	BEAR	7 500	23 000	NA	93
P	UTAH POWER AND LIGHT CO	GRACE	BEAR	44 000	96 000	U	524
P	UTAH POWER AND LIGHT CO	SODA	BEAR	14 000	26 000	12	79
M	SODA SPRINGS CITY OF	SODA SPRINGS	SODA CR	720	3 600	NA	NA
P	UTAH POWER AND LIGHT CO	PARIS	PARIS CR	650	2 900	NA	346
P	WASHINGTON WTR PWR CO THE	LEWISTON	CLEARWATER	10 000	81 200	36	U
P	WASHINGTON WTR PWR CO THE	GRANGEVILLE	S FK CLEARWATER	1 000	4 600	NA	60
P	IDAHO POWER CO	BROWNLEE	SNAKE	360 400	2 400 000	980	277
F	BUREAU OF RECLAMATION	BLACK CANYON	PAYETTE	8 000	78 000	U	93
P	IDAHO POWER CO	CASCADE	N FK PAYETTE	300	2 700	NA	39
P	BUREAU OF RECLAMATION	BOISE DIVERSION	BOISE	1 500	7 000	NA	31
P	ATLANTA POWER CO	ATLANTA	M FK BOISE	150	1 100	NA	98
F	BUREAU OF RECLAMATION	ANDERSON RANCH	S FK BOISE	27 000	162 000	423	330
P	IDAHO POWER CO	SWAN FALLS	SNAKE	10 265	96 000	U	24
P	IDAHO POWER CO	LOWER MALAD	MALAD	13 500	105 000	U	161
P	IDAHO POWER CO	UPPER MALAD	MALAD	7 200	64 000	U	129
P	IDAHO POWER CO	J STRIKE	SNAKE	82 800	490 000	35	88
P	IDAHO POWER CO	BLISS	SNAKE	75 000	382 000	U	70
P	IDAHO POWER CO	LOWER SALMON	SNAKE	60 000	260 000	U	59
P	IDAHO POWER CO	UPPER SALMON A	SNAKE	18 000	165 000	NA	46
P	IDAHO POWER CO	UPPER SALMON B	SNAKE	16 500	145 000	37	U
P	IDAHO POWER CO	THOUSAND SPRINGS	SPRINGS	8 000	62 000	NA	182
P	IDAHO POWER CO	CLEAR LAKE	SPRINGS	2 500	18 000	NA	68
P	IDAHO POWER CO	SHOSHONE FALLS	SNAKE	10 880	100 000	U	214
P	IDAHO POWER CO	TWIN FALLS	SNAKE	13 500	67 000	U	147
F	BUREAU OF RECLAMATION	MINIDOKA	SNAKE	13 400	94 000	488	95
P	IDAHO POWER CO	AMERICAN FALLS	SNAKE	27 500	140 000	NA	49
P	UTAH POWER AND LIGHT CO	MALAD CITY	BIRCH CR	200	1 500	NA	510
M	IDAHO FALLS CITY OF	LOWER HYDRO NO 4	SNAKE	3 000	24 000	U	20
M	IDAHO FALLS CITY OF	CITY	SNAKE	2 000	14 000	U	22
P	IDAHO FALLS CITY OF	UPPER	SNAKE	2 400	16 000	U	21
P	FALL RIVER RURAL EL COOP	TETON RIVER	TETON	1 870	9 000	NA	90
P	UTAH POWER AND LIGHT CO	ST ANTHONY	HENRYS FORK	500	3 500	U	10
P	UTAH POWER AND LIGHT CO	ASHTON	HENRYS FORK	5 800	33 000	U	48
I	PONDS LODGE INC	PONDS LODGE	BUFFALO	200	400	NA	30
F	BUREAU OF RECLAMATION	PALISADES	SNAKE	134 000	650 000	1 200	245
P	WASHINGTON WTR PWR CO THE	POST FALLS	SPOKANE	11 250	80 000	225	56
F	CORPS OF ENGINEERS	ALBANI FALLS	PEND OREILLE	42 600	248 000	1 153	29
P	WASHINGTON WTR PWR CO THE	CABINET GORGE	CLARK FORK	200 000	1 158 900	43	97

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	IDAHO (CONTINUED)						
M	BONNERS FERRY VILLAGE OF	↑MOYIE NO 2	MOYIE	2 000	10 000	NA	200
M	BONNERS FERRY VILLAGE OF	↑MOYIE NO 1	MOYIE	380	2 000	NA	168
				1 250 465	7 378 400		
	WYOMING						
F	BUREAU OF RECLAMATION	GUERNSEY	NORTH PLATTE	4 800	27 000	45	86
F	BUREAU OF RECLAMATION	GLENDO	NORTH PLATTE	24 000	77 000	514	133
F	BUREAU OF RECLAMATION	ALCOVA	NORTH PLATTE	36 000	129 900	190	164
F	BUREAU OF RECLAMATION	FREMONT CANYON	NORTH PLATTE	48 000	231 500	1 016	390
F	BUREAU OF RECLAMATION	KORTES	NORTH PLATTE	36 000	144 800	5	204
F	BUREAU OF RECLAMATION	SEMINOE	NORTH PLATTE	32 400	128 400	1 012	217
P	PACIFIC POWER AND LT CO	BUFFALO	CLEAR CR	400	3 000	NA	365
F	BUREAU OF RECLAMATION	HEART MOUNTAIN	SHOSHONE	5 000	55 800	190	274
F	BUREAU OF RECLAMATION	SHOSHONE	SHOSHONE	5 600	28 800	1 900	225
F	BUREAU OF RECLAMATION	BOYSEN	BIGHORN	15 000	80 700	758	110
F	BUREAU OF RECLAMATION	PILOT BUTTE	WIND	1 600	14 000	NA	105
F	NATIONAL PARK SERVICE	MAMMOTH	GARDINER	600	1 500	U	547
P	UTAH POWER AND LIGHT CO	↑COKEVILLE	PINE CR	350	1 000	NA	120
M	LOWER VAL PWR AND LT CO	SALT RIVER	SALT	600	2 300	U	NA
C	LOWER VAL PWR AND LT CO	↑STRAWBERRY	STRAWBERRY CR	1 500	8 000	U	450
C	LOWER VAL PWR AND LT CO	↑AFTON LOWER	SWIFT CR	180	500	U	68
C	LOWER VAL PWR AND LT CO	↑AFTON UPPER	SWIFT CR	800	2 700	U	193
				212 830	936 900		
	COLORADO						
M	COLORADO SPRINGS CITY OF	MANITOU SPRINGS	RUXTON CR	5 000	10 000	U	2 421
M	COLORADO SPRINGS CITY OF	RUXTON PARK	RUXTON CR	1 000	2 600	NA	1 165
P	SOUTHERN COLORADO PWR CO	SKAGUAY	BEAVER CR	1 560	9 000	U	1 164
P	PUB SERV CO OF COLORADO	SALIDA HYDRO NO 2	ARKANSAS	560	3 900	U	347
P	PUB SERV CO OF COLORADO	SALIDA HYDRO NO 1	ARKANSAS	750	4 400	U	435
M	LOVELAND CITY OF	LOVELAND	THOMPSON	900	4 700	NA	345
F	BUREAU OF RECLAMATION	BIG THOMPSON	BIG THOMPSON	4 500	15 000	NA	180
F	BUREAU OF RECLAMATION	FLATIRON 3/	COLO BIG THOM DIV	63 000	251 700	U	1 113
F	BUREAU OF RECLAMATION	POLE HILL	COLO BIG THOM DIV	33 250	200 200	U	835
F	BUREAU OF RECLAMATION	ESTES	COLO BIG THOM DIV	45 000	104 300	U	570
F	BUREAU OF RECLAMATION	MARYS LAKE	COLO BIG THOM DIV	8 100	40 400	NA	215
M	TOWN OF ESTES PARK	ESTES PARK	FALL	880	2 300	NA	547
M	LONGMONT CITY OF	LONGMONT	ST VRAIN CR	400	3 000	NA	520
P	PUBLIC SERVICE CO OF COLO	BOULDER CANYON	MIDDLE BOULDER CR	20 000	33 000	U	1 828
P	FALL RIVER POWER CO	↑FALL RIVER	FALL	600	NA	NA	650
P	PUB SERV CO OF COLORADO	GEORGETOWN	SOUTH CLEAR CR	1 440	6 800	U	665
M	WESTERN COLORADO P CO THE	↑TACOMA	ANIMAS	8 000	21 600	23	983
M	LA PLATA ELEC ASSN INC	PAGOSA SPRINGS	SAN JUAN	200	400	NA	NA
M	WESTERN COLORADO P CO THE	↑NEW AMES	LAKE FORK	3 600	13 000	U	911
M	REDLANDS WATER AND PWR CO	REDLANDS	GUNNISON	1 400	9 000	NA	35
P	WESTERN COLORADO P CO THE	↑OURAY	UNCOMPAGHRE	432	3 500	U	432
F	BUREAU OF RECLAMATION	GRAND VALLEY	COLORADO	3 000	21 000	NA	80
F	BUREAU OF RECLAMATION	LOWER MOLINA	COLBRAN PIPELINE	4 860	25 000	6	1 614
F	BUREAU OF RECLAMATION	UPPER MOLINA	COLBRAN PIPELINE	8 640	43 000	6	2 688
M	ASPEN ELECTRIC DEPT	ASPEN	CASTLE MAROON CR	1 200	2 000	NA	18
P	PUBLIC SERVICE CO OF COLO	SHOSHONE	COLORADO	14 400	105 000	U	170
I	NEW JERSEY ZINC CO	EAGLE	FALL CR	395	980	NA	625
F	BUREAU OF RECLAMATION	GREEN MOUNTAIN	BLUE	21 600	69 500	147	261
M	DENVER CITY AND COUNTY	WILLIAMS FORK	WILLIAMS FORK	3 000	9 000	NA	196
				257 630	1 014 280		
	NEW MEXICO						
P	SOUTHWESTERN PUB SERV CO	CARLSBAD	PECOS	330	1 000	NA	17
F	BUREAU OF RECLAMATION	ELEPHANT BUTTE	RIO GRANDE	24 300	96 000	1 771	190
				24 630	97 000		
	ARIZONA						
M	SALT R PROJ AG IMP P DIST	CROSS CUT	CROSS CUT CANAL	3 000	7 000	U	116
M	SALT R PROJ AG IMP P DIST	SOUTH CONSOL	CONSOLIDATED CAN	800	4 500	U	34
P	ARIZ PUBLIC SERVICE CO	↑CHILDS	FOSSIL CR DIV	5 400	24 000	NA	1 075
M	ARIZ PUBLIC SERVICE CO	↑IRVING	FOSSIL CR	1 600	11 000	U	482
P	SALT R PROJ AG IMP P DIST	STEWART MOUNTAIN	SALT	10 400	25 000	67	116
M	SALT R PROJ AG IMP P DIST	MORMON FLAT	SALT	7 000	35 000	55	131
M	SALT R PROJ AG IMP P DIST	HORSE MESA	SALT	30 000	125 000	232	266
M	SALT R PROJ AG IMP P DIST	ROOSEVELT	SALT	19 290	60 000	1 382	226
F	BUREAU OF INDIAN AFFAIRS	COOLIDGE	GILA	10 000	6 600	1 164	204
F	BUREAU OF RECLAMATION	DAVIS	COLORADO	225 000	1 178 000	1 810	135
F	BUREAU OF RECLAMATION	HOOVER *	COLORADO	667 500	2 190 000	27 144	530
				979 990	3 666 100		

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS V	DIVISION AND STATE	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	UTAH						
P	UTAH POWER AND LIGHT CO	CUTLER	BEAR	30 000	89 000	15	127
P	UTAH POWER AND LIGHT CO	HYRUM	BLACKSMITH FORK	2 000	NA	U	256
M	HYRUM CITY CORP	†HYRUM	BLACKSMITH FORK	400	3 000	NA	NA
M	UTAH STATE AGR COLLEGE	LOGAN	LOGAN	490	1 500	NA	30
P	UTAH POWER AND LIGHT CO	†LOGAN	LOGAN	2 000	12 000	NA	213
M	LOGAN CITY OF	LOGAN CITY	LOGAN	1 400	6 600	NA	99
P	UTAH POWER AND LIGHT CO	SWAN CREEK	SWAN CR	276	1 600	U	NA
M	BRIGHAM CITY CORPORATION	BRIGHAM CITY	BOX ELDER CR	1 650	5 800	U	575
P	UTAH POWER AND LIGHT CO	PIONEER	OGDEN	5 000	14 000	NA	423
P	UTAH POWER AND LIGHT CO	RIVERDALE	WEBER	3 750	6 700	U	201
P	UTAH POWER AND LIGHT CO	†WEBER	WEBER	2 500	24 000	NA	184
F	BUREAU OF RECLAMATION	GATEWAY	WEBER	4 275	15 400	NA	148
F	BUREAU OF RECLAMATION	WANSHIP	WEBER	1 425	5 700	NA	142
P	UTAH POWER AND LIGHT CO	†UPPER MILL CREEK	MILL CR	300	1 400	NA	599
P	UTAH POWER AND LIGHT CO	GRANITE	BIG COTTONWOOD C	1 500	5 800	U	470
P	UTAH POWER AND LIGHT CO	†STAIRS	BIG COTTONWOOD C	1 000	5 000	NA	370
M	MURRAY CITY OF	HYDRO	LIT COTTONWOOD C	1 000	4 800	NA	752
P	UTAH POWER AND LIGHT CO	†ALPINE	DRY CR	1 750	4 000	NA	1 924
P	UTAH POWER AND LIGHT CO	†UPPER AMERICAN FK	AMERICAN FORK	950	5 000	NA	574
P	UTAH POWER AND LIGHT CO	OLMSTEAD	PROVO	12 700	38 000	U	340
F	BUREAU OF RECLAMATION	DEER CREEK	PROVO	4 950	26 800	150	142
P	UTAH POWER AND LIGHT CO	SNAKE CREEK	SNAKE CR	1 180	2 400	NA	NA
M	HEBER LIGHT AND PWR PLANT	†SNAKE CREEK	SNAKE CR	800	4 200	NA	1 895
M	HEBER LIGHT AND PWR PLANT	HEBER	PROVO	600	4 400	NA	NA
M	SPRINGVILLE MUN CORP	SPRING CREEK	SPRING CR	120	800	NA	NA
M	SPRINGVILLE MUN CORP	HOBBLE CREEK	HOBBLE CR	300	1 400	NA	NA
M	SPRINGVILLE MUN CORP	BARTHOLOMEW	BARTHOLOMEW CR	500	2 800	NA	NA
M	STRAWBERRY WTR USERS ASSN	LOWER	SPANISH FORK	250	1 500	NA	NA
M	STRAWBERRY WTR USERS ASSN	UPPER	SPANISH FORK	900	6 400	NA	NA
M	STRAWBERRY WTR USERS ASSN	PAYSON	PETEETNEET CR	400	2 300	NA	NA
P	UTAH POWER AND LIGHT CO	†SANTAQUIN	SUMMIT CR	880	2 800	NA	656
M	PAROWAN CITY CORPORATION	†PAROWAN	CENTER CR	600	2 000	NA	NA
M	PAROWAN CITY CORPORATION	PARAGONAH	RED CR	500	1 600	NA	NA
M	BEAVER CITY CORPORATION	†BEAVER	BEAVER	720	4 500	NA	NA
P	UTAH POWER AND LIGHT CO	†LOWER BEAVER	BEAVER	600	4 800	NA	485
P	UTAH POWER AND LIGHT CO	†UPPER BEAVER	BEAVER	2 400	11 000	NA	1 100
M	MANTI CITY LIGHT AND PWR	†MANTI	MANTI CR	520	2 800	NA	NA
M	EPHRAIM CITY OF	†EPHRAIM NO 1	CITY CR	150	800	NA	1 370
M	EPHRAIM CITY OF	†EPHRAIM NO 2	CITY CR	210	1 000	NA	NA
M	MT PLEASANT CITY CORP	LOWER	PLEASANT CR	150	900	NA	NA
M	MT PLEASANT CITY CORP	UPPER	PLEASANT CR	175	1 000	NA	NA
M	FAIRVIEW CITY CORP	UPPER AND LOWER	COTTONWOOD CR	160	NA	NA	NA
P	UTAH POWER AND LIGHT CO	FOUNTAIN GREEN	BIG SPRINGS	320	1 500	U	200
M	MONROE CITY CORP	†LOWER MONROE	MONROE CR	100	400	NA	NA
M	MONROE CITY CORP	†UPPER MONROE	MONROE CR	125	500	NA	NA
P	CALIF PACIFIC UTIL CO	GUNLOCK NO 1	SANTA CLARA	750	2 400	U	470
P	CALIF PACIFIC UTIL CO	VEYO NO 3	SANTA CLARA	640	2 000	U	370
P	CALIF PACIFIC UTIL CO	VEYO NO 2	SANTA CLARA	500	2 000	U	330
M	ST GEORGE CITY CORP	ST GEORGE	COTTONWOOD CR	500	1 200	NA	NA
P	CALIF PACIFIC UTIL CO	LA VERKIN NO 4	VIRGIN	1 000	5 000	U	216
C	GARKANE POWER ASSN INC	†BOULDER CREEK	BOULDER CR	4 125	23 000	NA	1 527
M	GARKANE POWER ASSN INC	TORREY	FREMONT	300	1 500	NA	NA
P	UINTAH POWER AND LIGHT CO	†UINTAH	UINTAH	1 200	7 500	NA	450
C	MOON LAKE ELEC ASSN INC	†YELLOWSTONE	YELLOWSTONE CR	1 050	6 500	U	250
P	UTAH POWER AND LIGHT CO	VERNAL	ASHLEY CR	250	1 000	U	84
F	BUREAU OF RECLAMATION	FLAMING GORGE	GREEN	<u>72 000</u>	320 000	3 516	446
				174 251	711 300		
	NEVADA						
P	SIERRA PACIFIC POWER CO	WASHOE	TRUCKEE	1 500	14 000	U	88
P	SIERRA PACIFIC POWER CO	VERDI	TRUCKEE	2 400	18 500	U	96
P	SIERRA PACIFIC POWER CO	FLEISH	TRUCKEE	2 000	16 000	U	125
M	TRUCKEE CARSON IRR DIST	26 FOOT DROP	CARSON	800	6 000	U	26
M	TRUCKEE CARSON IRR DIST	LAHONTAN	CARSON	2 400	16 000	NA	120
I	CORD E L	†CIRCLE L	LEIDY CR	200	650	NA	1 290
P	NEVADA POWER CO	LAMOILLE	LAMOILLE CR	200	1 500	NA	NA
P	WELLS RURAL ELECTRIC CO	WELLS NO 1	SALMON FALLS	120	2 000	NA	NA
I	KENNECOTT COPPER CORP	MCGILL	DUCK VALLEY CR	840	1 900	NA	NA
F	BUREAU OF RECLAMATION	HOOVER #	COLORADO	<u>672 500</u>	2 190 000	27 144	530
				682 960	2 266 550		
	MOUNTAIN TOTAL			<u>4 844 586</u>	<u>23 564 130</u>		

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS 1/	DIVISION AND STATE	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/	AVERAGE ANNUAL GENERATION	USABLE POWER STORAGE	GROSS STATIC HEAD
	NAME OF OWNER			KW	1,000 KWH	1,000 AC-FT	FT.
PACIFIC							
WASHINGTON							
P	PUGET SOUND PWR AND LT CO	NOOKSACK	NOOKSACK	1 500	7 700	NA	228
P	PUGET SOUND PWR AND LT CO	↑LOWER BAKER	BAKER	<u>103 500</u>	386 700	142	259
I	LONE STAR CEMENT CORP	BEAR CREEK NO 1	5 FK BEAR CREEK	1 800	12 400	NA	NA
I	LONE STAR CEMENT CORP	BEAR CREEK NO 2	N FK BEAR CREEK	240	1 600	NA	NA
P	PUGET SOUND PWR AND LT CO	↑UPPER BAKER	BAKER	<u>94 400</u>	336 400	221	285
M	SEATTLE DEPT OF LIGHTING	NEWHALEM	NEWHALEM CR	2 000	12 000	U	500
M	SEATTLE DEPT OF LIGHTING	↑GEORGE	SKAGIT	<u>134 400</u>	96 200	7	380
M	SEATTLE DEPT OF LIGHTING	↑DIAELO	SKAGIT	<u>120 000</u>	756 400	61	330
M	SEATTLE DEPT OF LIGHTING	↑ROSS	SKAGIT	<u>360 000</u>	699 800	1 023	395
P	PUGET SOUND PWR AND LT CO	SNOQUALMIE NO 2	SNOQUALMIE	<u>30 090</u>	200 000	U	287
P	PUGET SOUND PWR AND LT CO	SNOQUALMIE NO 1	SNOQUALMIE	11 600	73 600	U	257
P	SEATTLE DEPT OF LIGHTING	CEGAR FALLS	CEGAR	22 896	96 200	60	620
P	PUGET SOUND PWR AND LT CO	WHITE RIVER	WHITE	<u>70 000</u>	322 200	44	489
P	PUGET SOUND PWR AND LT CO	ELECTRON	PUYALLUP	<u>25 500</u>	172 300	U	874
M	CENTRALIA CITY OF	YELM	NISQUALLY	9 000	89 000	U	208
M	TACOMA DEPT OF PUB UTILS	↑LA GRANDE	NISQUALLY	<u>64 000</u>	330 000	U	419
M	TACOMA DEPT OF PUB UTILS	↑ALDER	NISQUALLY	<u>50 000</u>	220 000	231	273
F	NATIONAL PARK SERVICE	LONGMIRE	PARADISE	800	1 800	U	506
M	TACOMA CITY OF	CUSHMAN NO 2	N FK SKOKOMISH	<u>81 000</u>	220 000	U	480
M	TACOMA CITY OF	CUSHMAN NO 1	N FK SKOKOMISH	<u>43 200</u>	110 000	360	255
I	CROWN ZELLERBACH CORP	ELWHA	ELWHA	12 000	60 000	NA	104
I	CROWN ZELLERBACH CORP	↑GLINES CANYON	ELWHA	12 000	80 000	26	192
C	QUINULT LIGHT COMPANY	↑QUINULT	ZEIGLER CR	250	73 000	NA	876
M	TACOMA CITY OF	↑MAYFIELD	COWLITZ	<u>120 000</u>	739 000	21	182
P	PACIFIC PWR AND LT CO	↑MERWIN	LEWIS	<u>135 000</u>	539 500	246	185
P	PACIFIC PWR AND LT CO	↑YALE	LEWIS	<u>108 000</u>	528 600	190	247
M	COWLITZ COUNTY PUD NO 1	↑SWIFT NO 2	LEWIS	<u>70 000</u>	240 300	NA	117
P	PACIFIC PWR AND LT CO	↑SWIFT NO 1	LEWIS	<u>204 000</u>	642 000	447	393
P	WESTERN LT AND PWR CO	WASHOUGAL	MCCLUSKY CR	750	4 900	NA	NA
P	PACIFIC PWR AND LT CO	CONDIT	WHITE SALMON	9 600	95 200	NA	178
F	CORPS OF ENGINEERS	THE DALLES	COLUMBIA	<u>1 119 000</u>	7 463 500	53	91
F	CORPS OF ENGINEERS	ICE HARBOR	SNARE	<u>270 000</u>	1 840 000	25	103
F	BUREAU OF RECLAMATION	CHANDLER	YAKIMA	12 000	73 000	NA	121
F	WAPATO IRRIGATION DIST	DROP NO 2	YAKIMA	2 000	6 000	U	30
F	WAPATO IRRIGATION DIST	DROP NO 3	YAKIMA	1 360	3 000	U	34
P	PACIFIC PWR AND LT CO	NACHES HYDRO	NACHES	6 370	33 500	U	149
P	PACIFIC PWR AND LT CO	NACHES DROP	NACHES	1 400	9 600	U	54
F	BUREAU OF RECLAMATION	ROZA	YAKIMA	11 250	66 000	NA	160
M	GRANT COUNTY PUD NO 2	↑PRIEST RAPIDS	COLUMBIA	<u>788 500</u>	4 860 000	44	76
M	GRANT COUNTY PUD NO 2	↑WANAPUM	COLUMBIA	<u>748 125</u>	4 266 000	144	86
M	CHELAN COUNTY PUD NO 1	↑ROCK ISLAND	COLUMBIA	<u>212 100</u>	1 963 100	5	49
I	SMITH JESSE I	↑TRINITY	PHELPS CR	318	300	NA	625
M	CHELAN COUNTY PUD NO 1	↑ROCKY REACH	COLUMBIA	<u>711 550</u>	5 000 000	37	98
M	CHELAN COUNTY PUD NO 1	↑CHELAN	CHELAN	<u>48 000</u>	403 300	676	409
F	CORPS OF ENGINEERS	CHIEF JOSEPH	COLUMBIA	<u>1 024 000</u>	8 252 000	NA	179
F	BUREAU OF RECLAMATION	GRAND COULEE	COLUMBIA	<u>1 944 000</u>	14 580 000	5 232	343
P	WASHINGTON WTR PWR CO THE	LITTLE FALLS	SPOKANE	32 000	210 000	U	76
P	WASHINGTON WTR PWR CO THE	LONG LAKE	SPOKANE	<u>70 000</u>	470 000	105	171
P	WASHINGTON WTR PWR CO THE	NINE MILE	SPOKANE	12 000	110 000	5	65
P	WASHINGTON WTR PWR CO THE	MONROE STREET	SPOKANE	7 200	59 000	U	68
P	WASHINGTON WTR PWR CO THE	UPPER FALLS	SPOKANE	10 000	76 000	U	64
M	SPOKANE CITY OF	UP RIVER	SPOKANE	3 900	31 000	NA	35
P	WASHINGTON WTR PWR CO THE	MEYERS FALLS	COLVILLE	1 200	9 000	NA	125
I	PEND OREILLE MINES MTL CO	METALINE FALLS	PEND OREILLE	3 600	15 000	NA	30
M	PEND OREILLE PUD NO 1	↑BOX CANYON	PEND OREILLE	<u>60 000</u>	434 600	10	46
M	PEND OREILLE PUD NO 1	DALKENA	CALISPELL CR	560	2 300	NA	309
				8 997 919	58 116 400		
OREGON							
I	LAKE OSWEGO CORP	LAKE OSWEGO	WILLAMETTE	500	1 700	NA	NA
P	PORTLAND GENERAL ELEC CO	RIVER MILL	CLACKAMUS	19 050	104 500	U	82
P	PORTLAND GENERAL ELEC CO	FARADAY	CLACKAMUS	34 450	191 000	U	133
P	PORTLAND GENERAL ELEC CO	↑NORTH FORK	CLACKAMUS	38 400	213 000	6	135
P	PORTLAND GENERAL ELEC CO	↑OAK GROVE	CLACKAMUS	<u>51 000</u>	245 000	U	879
P	PORTLAND GEN EL CO ET AL	↑WILLAMETTE FLS 3	WILLAMETTE	1 860	14 000	NA	40
M	MCMINNVILLE CITY OF	↑MCMINNVILLE	BAKER CR	200	400	NA	230
P	PORTLAND GEN EL CO ET AL	↑WILLAMETTE FLS 2	WILLAMETTE	13 900	30 000	NA	44
P	PORTLAND GEN EL CO ET AL	↑WILLAMETTE FLS 1	WILLAMETTE	15 400	97 000	NA	40
P	PACIFIC PWR AND LT CO	STAYTON	NORTH SANTIAM	600	4 000	NA	15

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS /	DIVISION AND STATE	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	NAME OF OWNER						
OREGON (CONTINUED)							
F	CORPS OF ENGINEERS	BIG CLIFF RRG	NORTH SANTIAM	18 000	97 400	U	95
P	CORPS OF ENGINEERS	DETROIT	NORTH SANTIAM	<u>100 000</u>	367 700	40	371
P	PACIFIC PWR AND LT CO	ALBANY	SOUTH SANTIAM	800	3 700	NA	36
P	PACIFIC PWR AND LT CO	LEBANON	SOUTH SANTIAM	144	500	NA	10
M	EUGENE CITY OF	WALTERVILLE	MCKENZIE	8 000	70 900	NA	56
M	EUGENE CITY OF	LEABURG	MCKENZIE	13 500	108 900	NA	90
M	EUGENE CITY OF	†TRAIL BRIDGE	MCKENZIE-SMITH	10 000	40 000	U	88
M	EUGENE CITY OF	†CARMEN-SMITH	MCKENZIE	<u>80 000</u>	250 000	11	530
F	CORPS OF ENGINEERS	DEXTER RRG	M FK WILLAMETTE	15 000	75 700	5	58
F	CORPS OF ENGINEERS	LOOKOUT POINT	M FK WILLAMETTE	<u>120 000</u>	297 600	12	233
F	CORPS OF ENGINEERS	HILLS CREEK	M FK WILLAMETTE	30 000	162 300	49	320
P	PORTLAND GENERAL ELEC CO	BULL RUN	BULL RUN DIV	21 000	141 000	U	326
P	CORPS OF ENGINEERS	BONNEVILLE	COLUMBIA	<u>518 400</u>	4 600 000	87	67
P	PACIFIC PWR AND LT CO	POWERDALE	HOOD	6 000	47 500	U	210
P	PACIFIC PWR AND LT CO	TYGH VALLEY	WHITE	2 250	13 000	NA	150
P	PORTLAND GENERAL ELEC CO	†PELTON	DESCHUTES	<u>108 000</u>	400 000	U	151
P	PACIFIC PWR AND LT CO	CLINE FALLS	DESCHUTES	1 000	5 300	U	43
P	PACIFIC PWR AND LT CO	BEND	DESCHUTES	1 110	7 500	U	17
P	CALIF PACIFIC UTIL CO	†FREMONT	LOST CR	1 100	4 100	NA	1 067
F	CORPS OF ENGINEERS	MCNARY	COLUMBIA	<u>980 000</u>	6 176 000	185	92
M	MILTON FREEWATER EL UTIL	MILTON UPPER	WALLA WALLA	1 000	9 000	NA	205
P	PACIFIC PWR AND LT CO	†WALLOWA FALLS	E FK WALLOWA	800	8 000	U	800
P	IDAHO POWER CO	†OXBOW	SNAKE	<u>190 000</u>	1 108 000	5	120
P	CALIF PACIFIC UTIL CO	†ROCK CREEK	ROCK CR	800	4 900	NA	936
M	BAKER CITY OF	BAKER	GOODRICH LAKE	120	1 000	U	744
P	PACIFIC PWR AND LT CO	WINCHESTER	NORTH UMPQUA	500	3 900	NA	14
P	PACIFIC PWR AND LT CO	†SODA SPRINGS	NORTH UMPQUA	11 000	55 800	U	114
P	PACIFIC PWR AND LT CO	†SLIDE CREEK	NORTH UMPQUA	18 000	96 000	U	169
P	PACIFIC PWR AND LT CO	†TOKETEE FALLS	NORTH UMPQUA	42 500	220 000	NA	448
P	PACIFIC PWR AND LT CO	†FISH CREEK	NORTH UMPQUA	11 000	67 800	U	1 032
P	PACIFIC PWR AND LT CO	†CLEARWATER NO 2	CLEARWATER	26 000	85 200	U	760
P	PACIFIC PWR AND LT CO	†CLEARWATER NO 1	CLEARWATER	15 000	54 400	U	651
P	PACIFIC PWR AND LT CO	†LEMOLO NO 2	NORTH UMPQUA	33 000	187 200	U	728
P	PACIFIC PWR AND LT CO	†LEMOLO NO 1	NORTH UMPQUA	29 000	123 700	12	756
I	IDEAL CEMENT CO	GOLD HILL	ROGUE	2 500	11 000	NA	NA
P	PACIFIC PWR AND LT CO	GOLD RAY	ROGUE	1 500	10 500	U	16
M	ASHLAND CITY OF	ASHLAND	ASHLAND CR	300	2 500	U	425
F	BUREAU OF RECLAMATION	GREEN SPRINGS	EMIGRANT CR	16 000	63 000	U	1 984
P	PACIFIC PWR AND LT CO	EAGLE POINT	LITTLE BUTTE CR	2 813	20 000	NA	NA
P	PACIFIC PWR AND LT CO	PROSPECT NO 3	S FK ROGUE	7 200	50 000	U	720
P	PACIFIC PWR AND LT CO	PROSPECT NO 1	N FK ROGUE	3 760	25 000	U	495
P	PACIFIC PWR AND LT CO	PROSPECT NO 2	N FK ROGUE	32 000	275 000	U	607
P	PACIFIC PWR AND LT CO	PROSPECT NO 4	N FK ROGUE	1 000	8 200	U	112
P	PACIFIC PWR AND LT CO	†JOHN C BOYLE	KLAMATH	<u>79 990</u>	368 000	U	463
P	PACIFIC PWR AND LT CO	†WEST SIDE	KLAMATH	600	5 000	88	48
P	PACIFIC PWR AND LT CO	†EAST SIDE	LINK	3 200	20 000	438	49
				2 739 247	16 652 800		
CALIFORNIA							
P	SIERRA PACIFIC POWER CO	FARAD	TRUCKEE	2 800	19 000	U	83
P	SOUTHERN CALIF EDISON CO	†RUSH CREEK	RUSH CR	8 400	43 000	18	1 807
P	SOUTHERN CALIF EDISON CO	†POOLE	LEEVIING CR	10 000	26 000	U	1 675
P	SOUTHERN CALIF EDISON CO	†MILL CREEK	MILL CR	2 400	8 600	NA	785
M	LOS ANGELES DEPT W AND P	FRANKLIN CANYON	LOS ANGELES AGDU	2 000	8 800	U	285
M	LOS ANGELES DEPT W AND P	SAN FERNANDO	LOS ANGELES AGDU	5 600	50 000	U	250
M	LOS ANGELES DEPT W AND P	S FRANCISQUITO 2	LOS ANGELES AGDU	42 000	115 000	U	540
M	LOS ANGELES DEPT W AND P	S FRANCISQUITO 1	LOS ANGELES AGDU	<u>58 125</u>	210 000	42	935
M	LOS ANGELES DEPT W AND P	HAJEE	LOS ANGELES AGDU	<u>5 600</u>	34 000	54	193
M	LOS ANGELES DEPT W AND P	COTTONWOOD NO 3	COTTONWOOD CR	1 500	8 000	U	1 267
M	LOS ANGELES DEPT W AND P	DIVISION CR	DIVISION CR	600	4 000	U	1 250
M	LOS ANGELES DEPT W AND P	BIG PINE NO 3	BIG PINE CR	3 200	15 000	U	1 243
P	SOUTHERN CALIF EDISON CO	BISHOP CR NO 6	BISHOP CR	1 800	11 000	U	260
P	SOUTHERN CALIF EDISON CO	†BISHOP CR NO 5	BISHOP CR	3 500	18 000	NA	420
P	SOUTHERN CALIF EDISON CO	†BISHOP CR NO 4	BISHOP CR	6 800	42 000	NA	1 112
P	SOUTHERN CALIF EDISON CO	†BISHOP CR NO 3	BISHOP CR	6 600	34 000	NA	809
P	SOUTHERN CALIF EDISON CO	†BISHOP CR NO 2	BISHOP CR	7 320	39 000	U	953
I	DAWSON MARGARET P	†WHITE MOUNTAIN	MILNER CR	150	150	NA	1 190
M	LOS ANGELES DEPT W AND P	PLEASANT VALLEY	OWENS	3 200	15 000	U	76
M	LOS ANGELES DEPT W AND P	CONTROL GORGE	OWENS	37 500	133 000	U	781

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS I/ M H F I P	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	CALIFORNIA (CONTINUED)						
M	LOS ANGELES DEPT W AND P	MIDDLE GORGE	OWENS	37 500	133 000	U	767
H	LOS ANGELES DEPT W AND P	UPPER GORGE	OWENS	37 500	133 000	183	802
F	SWANSON MINING CORP	†SALYER	TRINITY	1 600	NA	NA	NA
I	BUREAU OF RECLAMATION	LEWISTON	TRINITY	350	2 600	U	60
P	PACIFIC GAS AND ELEC CO	†JUNCTION CITY	CANYON CREEK DIV	2 720	10 000	U	602
P	PACIFIC PWR AND LT CO	†IRON GATE	KLAMATH	18 000	150 000	19	158
P	PACIFIC GAS AND ELEC CO	FALL CREEK	FALL CR	2 200	12 900	U	730
P	PACIFIC PWR AND LT CO	†COPCO NO 2	KLAMATH	27 000	130 000	6	152
P	PACIFIC PWR AND LT CO	†COPCO NO 1	KLAMATH	20 000	106 000	6	125
P	PACIFIC GAS AND ELEC CO	†POTTER VALLEY	S FK EEL DIV	9 040	61 000	U	476
F	BUREAU OF RECLAMATION	NIMBUS	AMERICAN	13 500	70 800	U	41
M	BUREAU OF RECLAMATION	FOLSOM	AMERICAN	162 000	658 000	912	340
P	PACIFIC GAS AND ELEC CO	†AMERICAN RIVER	S FK AMERICAN	5 471	29 600	U	573
P	SACRAMENTO M U D	†CAMINO	SILVER CREEK DIV	71 250	263 000	U	1 067
P	PACIFIC GAS AND ELEC CO	†EL DORADO	S FK AMERICAN	20 000	97 900	U	1 910
M	SACRAMENTO M U D	†JAYBIRD	SILVER CR	133 000	505 000	U	1 549
P	PACIFIC GAS AND ELEC CO	WISE	AUBURN RAVINE	12 000	89 900	U	519
P	PACIFIC GAS AND ELEC CO	HALSEY	DRY CR	9 900	66 000	8	331
P	PACIFIC GAS AND ELEC CO	DUTCH FLAT	BEAR	22 000	125 000	U	643
P	PACIFIC GAS AND ELEC CO	ALTA	BEAR	2 000	6 400	U	660
P	PACIFIC GAS AND ELEC CO	†DRUM NO 1	S FK YUBA DIV	48 000	245 000	U	1 375
P	PACIFIC GAS AND ELEC CO	†DEER CREEK	DEER CR	5 500	30 600	U	837
P	PACIFIC GAS AND ELEC CO	†NARROWS	YUBA	9 350	72 000	45	240
P	PACIFIC GAS AND ELEC CO	†SPAULDING NO 2	S FK YUBA	3 710	29 000	24	344
P	PACIFIC GAS AND ELEC CO	†SPAULDING NO 1	S FK YUBA	6 400	38 000	50	197
P	PACIFIC GAS AND ELEC CO	†SPAULDING NO 3	S FK YUBA	6 300	25 100	U	318
P	PACIFIC GAS AND ELEC CO	COLGATE	N FK YUBA	24 000	150 000	U	820
P	PACIFIC GAS AND ELEC CO	†BULLARDS BAR	N FK YUBA	6 500	39 600	10	166
M	OROVILLE WYANDOTTE I D S	†KELLY RIDGE	S FK FEATHER	9 900	48 000	U	668
M	OROVILLE WYANDOTTE I D S	†FORBETOWN	S FK FEATHER	28 800	110 000	U	835
M	OROVILLE WYANDOTTE I D S	†WOODLEAF	S FK FEATHER	52 200	176 000	U	1 495
I	GRAEAGLE LAND & WATER CO	†GRAEAGLE	GRAY EAGLE CR	300	7 700	U	520
P	PACIFIC GAS AND ELEC CO	COAL CANYON	M MIOCENE CAN	800	7 500	U	350
P	PACIFIC GAS AND ELEC CO	LIME SADDLE	W BR N FK FEATHR	1 600	11 000	U	462
P	PACIFIC GAS AND ELEC CO	BIG BEND	N FK FEATHER	52 800	490 000	U	465
P	PACIFIC GAS AND ELEC CO	†POE	N FK FEATHER	124 200	542 200	U	477
P	PACIFIC GAS AND ELEC CO	†CRESTA	N FK FEATHER	67 500	334 900	U	290
P	PACIFIC GAS AND ELEC CO	†ROCK CREEK	N FK FEATHER	113 400	522 600	U	535
P	PACIFIC GAS AND ELEC CO	†BUCKS CREEK	N FK FEATHER	66 000	241 300	U	2 558
P	PACIFIC GAS AND ELEC CO	†CARIBOU NO 1 & 2	N FK FEATHER	184 800	541 800	33	1 190
P	PACIFIC GAS AND ELEC CO	†BUTT VALLEY	BUTT CREEK	36 000	126 900	638	342
P	PACIFIC GAS AND ELEC CO	HAMILTON BRANCH	HAMILTON BRANCH	5 390	15 800	U	410
P	PACIFIC GAS AND ELEC CO	CENTERVILLE	BUTTE CREEK	6 400	43 800	U	577
P	PACIFIC GAS AND ELEC CO	NEW DESABLA	W BR N FK FEATHR	18 450	120 000	U	1 530
P	PACIFIC GAS AND ELEC CO	COLEMAN	BATTLE CR	13 800	56 800	U	482
P	PACIFIC GAS AND ELEC CO	INSKIP	S FK BATTLE CR	6 000	37 900	U	378
P	PACIFIC GAS AND ELEC CO	SOUTH	S FK BATTLE CR	4 000	36 000	U	516
P	PACIFIC GAS AND ELEC CO	VOLTA	MILLSEAT CR	6 400	39 600	U	1 294
P	PACIFIC GAS AND ELEC CO	COW CREEK	S FK COW CREEK	1 440	12 000	U	715
P	PACIFIC GAS AND ELEC CO	KILARC	N FK COW CR	3 000	22 000	U	1 190
F	BUREAU OF RECLAMATION	CLEAR CREEK PH	TRINITY R DIV	134 000	440 000	U	712
F	BUREAU OF RECLAMATION	KESWICK	SACRAMENTO	75 000	346 800	24	101
F	BUREAU OF RECLAMATION	SHASTA	SACRAMENTO	375 000	1 720 000	3 993	460
P	PACIFIC GAS AND ELEC CO	†PIT NO 5	PIT	128 000	836 000	U	630
P	PACIFIC GAS AND ELEC CO	†PIT NO 4	PIT	90 000	422 200	U	382
P	PACIFIC GAS AND ELEC CO	†PIT NO 3	PIT	74 790	385 400	8	315
P	PACIFIC GAS AND ELEC CO	HAT CREEK NO 2	HAT CR	10 000	39 300	U	198
P	PACIFIC GAS AND ELEC CO	HAT CREEK NO 1	HAT CR	10 000	19 300	U	217
P	PACIFIC GAS AND ELEC CO	PIT NO 1	FALL DIV	56 000	264 100	U	454
M	EAST BAY MUN UTIL DIST	PARDEE	MOKELUMNE	15 000	81 000	194	327
P	PACIFIC GAS AND ELEC CO	†NEW ELECTRA	MOKELUMNE	89 100	347 200	U	1 268
P	PACIFIC GAS AND ELEC CO	†WEST POINT	N FK MOKELUMNE	13 600	87 600	U	312
P	PACIFIC GAS AND ELEC CO	†TIGER CREEK	N FK MOKELUMNE	51 000	353 200	NA	1 219
P	PACIFIC GAS AND ELEC CO	†SALT SPRINGS 1	N FK MOKELUMNE	9 350	50 000	128	255
P	PACIFIC GAS AND ELEC CO	†SALT SPRINGS 2	N FK MOKELUMNE	29 700	125 600	47	2 109
M	OAKDALE S S JOAQUIN I D	†TULLOCH	STANISLAUS	17 100	80 000	56	145
P	PACIFIC GAS AND ELEC CO	†MELONES	STANISLAUS	24 300	102 300	102	230
P	PACIFIC GAS AND ELEC CO	ANGELS	ANGELS CR	1 400	6 200	U	448
P	PACIFIC GAS AND ELEC CO	†MURPHYS	N FK STANLS DIV	3 600	16 000	U	685
P	PACIFIC GAS AND ELEC CO	PHOENIX	S FK STANLS DIV	1 600	10 000	U	1 067

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS V	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-Ft	GROSS STATIC HEAD FT.
CALIFORNIA (CONTINUED)							
P	PACIFIC GAS AND ELEC CO	†STANISLAUS	M FK STANISLAUS	81 900	376 000	U	1 525
P	PACIFIC GAS AND ELEC CO	†SPRING GAP	S FK STANISLS DIV	6 000	47 500	U	1 865
M	OAKDALE S S JOAQUIN I D	†BEARDSLEY	M FK STANISLAUS	9 990	51 500	78	264
M	OAKDALE S S JOAQUIN I D	†DONNELLS	M FK STANISLAUS	54 000	279 000	62	1 484
M	TURLOCK MODESTO IRRIG DIS	LA GRANGE	TUOLUMNE	3 900	18 000	NA	117
M	TURLOCK MODESTO IRRIG DIS	DON PEDRO	TUOLUMNE	26 990	200 000	262	261
M	SAN FRANCISCO UTILS COMM	MOCCASIN CREEK	TUOLUMNE DIV	70 000	520 000	U	1 316
M	SAN FRANCISCO UTILS COMM	EARLY INTAKE	CHERRY CR	3 600	0	U	343
M	SAN FRANCISCO UTILS COMM	CHERRY CREEK	CHERRY CR	135 000	600 000	40	2 481
P	PACIFIC GAS AND ELEC CO	MERCED FALLS	MERCED	3 440	14 000	U	26
M	MERCED IRRIG DIST	†EXCHEQUER	MERCED	31 250	128 500	276	300
F	NATIONAL PARK SERVICE	YOSEMITE	MERCED	2 000	13 200	35	NA
P	PACIFIC GAS AND ELEC CO	†KERCKHOFF	SAN JOAQUIN	34 080	264 100	U	350
P	PACIFIC GAS AND ELEC CO	†WISHON A G	N FK WILLOW CR	12 800	94 200	U	1 412
P	PACIFIC GAS AND ELEC CO	†SAN JOAQUIN NO 1A	N FK WILLOW CR	340	1 700	U	43
P	PACIFIC GAS AND ELEC CO	†SAN JOAQUIN NO 2	N FK WILLOW CR	2 400	14 000	U	307
P	PACIFIC GAS AND ELEC CO	†SAN JOAQUIN NO 3	N FK WILLOW CR	4 000	17 500	U	405
P	PACIFIC GAS AND ELEC CO	†CRANE VALLEY	N FK WILLOW CR	800	3 200	U	90
P	SOUTHERN CALIF EDISON CO	†BIG CREEK NO 4	SAN JOAQUIN	84 000	428 000	26	416
P	SOUTHERN CALIF EDISON CO	†BIG CREEK NO 3	SAN JOAQUIN	106 500	779 000	U	827
P	SOUTHERN CALIF EDISON CO	†BIG CREEK NO 8	SAN JOAQUIN	58 500	337 000	U	713
P	SOUTHERN CALIF EDISON CO	†BIG CREEK NO 2A	BIG CR	80 000	387 000	135	2 418
P	SOUTHERN CALIF EDISON CO	†BIG CREEK NO 2	BIG CR	57 750	451 000	U	1 858
P	SOUTHERN CALIF EDISON CO	†BIG CREEK NO 1	BIG CR	67 000	521 000	89	2 131
P	SOUTHERN CALIF EDISON CO	†PORTAL	BIG CR	10 000	51 000	U	230
P	SOUTHERN CALIF EDISON CO	†MAMMOTH POOL	SAN JOAQUIN	129 360	546 000	120	1 100
P	PACIFIC GAS AND ELEC CO	†KINGS RIVER	N FK KINGS	44 100	157 000	U	798
P	PACIFIC GAS AND ELEC CO	†BALCH	N FK KINGS	128 200	406 100	U	2 389
P	PACIFIC GAS AND ELEC CO	†HIAAS	N FK KINGS	135 000	355 700	128	2 444
P	SOUTHERN CALIF EDISON CO	KAWEAH NO 2	KAWEAH	1 800	13 000	U	367
P	SOUTHERN CALIF EDISON CO	KAWEAH NO 3	KAWEAH	2 800	25 000	U	775
P	SOUTHERN CALIF EDISON CO	KAWEAH NO 1	KAWEAH	2 250	16 000	U	1 326
P	SOUTHERN CALIF EDISON CO	†LOWER TULE	TULE	2 000	19 000	U	1 140
P	PACIFIC GAS AND ELEC CO	†TULE RIVER	M FK TULE	4 800	26 500	U	1 532
P	PACIFIC GAS AND ELEC CO	†KERN CANYON	KERN	8 480	47 200	U	260
P	SOUTHERN CALIF EDISON CO	†KERN RIVER NO 1	KERN	16 000	173 000	U	877
P	SOUTHERN CALIF EDISON CO	†BOREL	KERN	9 200	64 000	492	270
P	SOUTHERN CALIF EDISON CO	†KERN RIVER NO 3	KERN	32 000	200 000	U	821
M	PASADENA CITY OF	†AZUSA	SAN GABRIEL	3 000	10 000	NA	401
P	SOUTHERN CALIF EDISON CO	†ONTARIO NO 1	SAN ANTONIO CR	600	4 800	U	700
P	SOUTHERN CALIF EDISON CO	SIERRA	SAN ANTONIO CR	480	4 000	U	628
P	SOUTHERN CALIF EDISON CO	†ONTARIO NO 2	SAN ANTONIO CR	320	1 100	U	NA
P	SOUTHERN CALIF EDISON CO	†FONTANA	LYTLE CR	1 920	8 800	U	658
P	SOUTHERN CALIF EDISON CO	†LYTLE CREEK	LYTLE CR	400	4 000	U	483
P	SOUTHERN CALIF EDISON CO	†MILL CREEK NO 1	MILL CR	800	4 700	U	510
P	SOUTHERN CALIF EDISON CO	†MILL CREEK NO 2	MILL CR	200	1 500	U	620
P	SOUTHERN CALIF EDISON CO	†MILL CREEK NO 3	MILL CR	1 800	14 000	U	1 911
P	SOUTHERN CALIF EDISON CO	†SANTA ANA NO 3	SANTA ANA	1 200	7 000	U	354
P	SOUTHERN CALIF EDISON CO	†SANTA ANA NO 2	SANTA ANA	800	8 000	U	310
P	SOUTHERN CALIF EDISON CO	†SANTA ANA NO 1	SANTA ANA	3 200	18 000	U	726
M	ESCONDIDO MUTUAL WATER CO	†RINCON POWER	ESCONDIDO CR DIV	240	300	U	824
M	ESCONDIDO MUTUAL WATER CO	†BEAR VALLEY	ESCONDIDO CR	520	4 800	U	400
P	CALIFORNIA ELEC PWR CO	†SAN GORGONIO NO 2	SAN GORGONIO CR	750	1 500	NA	898
P	CALIFORNIA ELEC PWR CO	†SAN GORGONIO NO 1	SAN GORGONIO CR	1 500	3 000	NA	1 775
F	BUREAU OF RECLAMATION	SIPHON DROP	YUMA CANAL	1 600	13 000	NA	15
M	IMPERIAL IRRIGATION DIST	DROP NO 4	ALL AMERICAN CAN	19 600	120 000	U	51
M	IMPERIAL IRRIGATION DIST	DROP NO 3	ALL AMERICAN CAN	4 800	49 000	U	25
M	IMPERIAL IRRIGATION DIST	DROP NO 2	ALL AMERICAN CAN	10 000	60 000	U	26
M	IMPERIAL IRRIGATION DIST	PILOT KNOB	ALL AMERICAN CAN	33 000	50 000	U	59
F	BUREAU OF RECLAMATION	PARKER	COLORADO	120 000	659 600	218	78
				4 608 782	22 065 450		
PACIFIC TOTAL				16 345 948	96 834 650		

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/ KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
	<u>ALASKA</u>						
	ALASKA						
P	CHATANIKA PWR CO INC	†CHATANIKA	CHATANIKA TANANA	5 625	17 800	NA	555
F	BUREAU OF RECLAMATION	EKLUTNA	EKLUTNA	30 000	157 000	150	848
C	CHUGACH ELEC ASSN INC	†COOPER LAKE	COOPER CR	15 000	39 000	82	760
I	SAN JUAN FISHING & PKG CO	†SAN JUAN	SAN JUAN LAKE	100	100	NA	300
I	CALVERT CORPORATION	†HANLEY CREEK	HANLEY CREEK	250	140	NA	300
I	DAY MRS O B	†DAYVILLE	ALLISON CR	200	200	NA	168
P	STELLING HARVEY F	†SOLOMON GULCH	SOLOMON CR	150	500	U	430
I	COMMUNITY UTILITIES INC	†SKAGWAY DEWEY	DEWEY LAKES	300	1 000	NA	450
I	A J INDUSTRIES INC	NUGGET CREEK	NUGGET CR	3 000	1 500	NA	490
I	A J INDUSTRIES INC	240 FOOT	FISH CREEK DITCH	1 012	500	U	518
I	A J INDUSTRIES INC	SHEEP CREEK	SHEEP CR	2 225	1 000	U	600
P	ALASKA EL LT AND PWR CO	GOLD CREEK	GOLD CR	1 600	6 800	U	225
I	A J INDUSTRIES INC	SALMON CREEK NO 1	LOWER SALMON CR	2 800	3 000	7	402
I	A J INDUSTRIES INC	SALMON CREEK NO 2	UPPER SALMON CR	2 800	5 000	12	775
I	A J INDUSTRIES INC	ANNEX CREEK	ANNEX CR	3 500	6 000	23	630
I	ALASKA METALS AND PWR CO	MILL CREEK	MILL CR	200	500	NA	100
I	CHICHAGOF MINING CO	RUST LAKE	SIMMONS CR	800	4 000	NA	328
I	PELICAN UTILITY CO	†PELICAN	LISIANSKE INLET	500	2 000	NA	120
M	SITKA CITY OF	†BLUE LAKE	MEDVETCHA	6 000	30 000	113	350
I	ALASKA LMBR PULP CO INC	†PULP MILL	MEDVETCHA	900	6 500	NA	184
M	PETERSBURG TOWN OF	†BLIND RIVER	CRYSTAL LAKE	2 400	6 000	U	1 027
M	KETCHIKAN CITY OF	†BEAVER FALLS	BEAVER FALLS CR	4 000	24 000	16	809
M	KETCHIKAN CITY OF	†KETCHIKAN	KETCHIKAN CR	4 200	12 000	U	265
M	METLAKATLA INDIAN COMUNITY	PURPLE LAKE	PURPLE LAKE	2 000	4 000	NA	340
				89 562	328 540		
	<u>ALASKA TOTAL</u>			<u>89 562</u>	<u>328 540</u>		
	<u>HAWAII</u>						
	HAWAII						
P	HILO ELEC LT CO	PUEO	WAILUKU	2 250	19 000	U	400
P	HILO ELEC LT CO	WAIU	WAILUKU	1 150	9 200	U	322
I	ONOMEA SUGAR CO LTD	ONOMEA	WAILUKU	125	600	NA	207
I	HAKALAU SUGAR CO	HAKALAU	WAILUKU	150	100	NA	277
I	PAUHAU SUGAR CO	PAUHAU	LOWER HAMAKUA	146	900	NA	473
I	HONOKAA SUGAR CO	HONOKAA	LOWER HAMAKUA	800	500	NA	415
I	KOHALA SUGAR CO	UNION		500	300	NA	NA
I	KOHALA SUGAR CO	HAWI	KEHALA DITCH	350	4 800	NA	NA
I	PIONEER MILL CO LTD	KAUAULA	KAUAULA	500	2 000	NA	533
P	HAWAIIAN COM & SUG C	PAIA	WAILOA DITCH	800	500	NA	280
P	HAWAIIAN COM & SUG C	KEHEKA	WAILOA DITCH	4 000	25 000	NA	616
I	MCBRYDE SUGAR CO LTD	WAINIHA	WAINIHA	3 600	24 000	NA	560
I	KEKAHA SUGAR CO LTD	WAIMEA	WATMEA	500	1 800	NA	NA
I	KEKAHA SUGAR CO LTD	WAIWA	WAIMEA	1 000	3 600	NA	NA
I	OLOKELE SUGAR CO LTD	NONPPAHU	MAKAWELI	500	3 000	NA	NA
I	MCBRYDE SUGAR CO LTD	KALAHEO	ALEXANDER RES	1 000	2 100	NA	700
I	GROVE FARM CO LTD	GROVE FARM	WAIHAHANU	216	200	U	150
I	LIHUE PLANTATION CO	LOWER LIHUE	S FK WAILUA	800	5 000	NA	NA
I	LIHUE PLANTATION CO	UPPER LIHUE	WAIHAI	500	3 000	NA	560
				18 887	105 600		
	<u>HAWAII TOTAL</u>			<u>18 887</u>	<u>105 600</u>		
	<u>UNITED STATES TOTAL</u>			<u>40 230 291</u>	<u>201 918 565</u>		

SEE FOOTNOTES AT END OF TABLE.

TABLE 4 (Contd) - EXISTING By Geographic Divisions and States

CLASS	DIVISION AND STATE	NAME OF PLANT	RIVER	INSTALLED CAPACITY 2/	AVERAGE ANNUAL GENERATION	USABLE POWER STORAGE	GROSS STATIC HEAD
	NAME OF OWNER			KW	1,000 KWH	1,000 AC-FT	FT.

1/ CLASS OF OWNERSHIP:

F - FEDERALLY-OWNED PLANT.

P - PRIVATELY-OWNED PLANT.

M - NON-FEDERAL PUBLICLY-OWNED PLANT.

C - COOPERATIVELY-OWNED PLANT.

I - INDUSTRIALLY-OWNED PLANT.

2/ CAPACITIES LISTED INCLUDE MAIN GENERATING UNITS ONLY. SEVERAL PLANTS ALSO HAVE AUXILIARY GENERATING CAPACITY. SEE TABLE 6, PAGE 60.

3/ PLANT ALSO HAS REVERSIBLE GENERATING EQUIPMENT IN ADDITION TO THAT SHOWN. SEE DISCUSSION OF PUMPED STORAGE PROJECTS IN THE TEXT.

† PLANT UNDER FPC LICENSE. FOR SEPARATE LISTING OF LICENSED PLANTS BY FPC PROJECT NUMBER, SEE TABLE 11, PAGE 143.

‡ PLANT LOCATED IN TWO STATES. INSTALLED CAPACITY AND GENERATION DIVIDED BETWEEN STATES AS LISTED. USABLE POWER STORAGE CAPACITY AND GROSS STATIC HEAD SHOWN ARE THE TOTAL FOR THE SITE.

U. USABLE POWER STORAGE CAPACITY IS LESS THAN 5,000 ACRE-FEET.

NA. DATA NOT AVAILABLE.

TABLE 5 - INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF EXISTING UTILITY AND INDUSTRIAL HYDROELECTRIC PLANTS
JANUARY 1, 1964

By Geographic Divisions and States

Division and state	Installed capacity kw		Avg. annual generation 1000 kw-h	
	Utilities	Industrials	Utilities	Industrials
United States	39,494,345	735,946	198,548,175	3,370,390
New England	1,234,581	262,702	4,738,500	1,220,770
Middle Atlantic	4,129,604	88,039	25,269,000	433,600
East North Central	817,899	92,743	3,615,775	437,400
West North Central	2,244,588	42,247	9,576,300	207,650
South Atlantic	4,423,590	176,175	13,566,200	781,350
East South Central	4,286,412	8,000	18,074,900	20,000
West South Central	1,124,528	200	3,144,200	0
Mountain	4,842,988	1,598	23,560,200	3,930
Pacific	16,310,830	35,118	96,651,800	182,850
Alaska	71,125	18,437	297,600	30,940
Hawaii	8,200	10,687	53,700	51,900
New England				
Maine	345,086	145,963	1,715,000	756,600
New Hampshire	396,178	45,862	1,120,300	235,300
Vermont	185,140	12,195	770,100	58,600
Massachusetts	181,132	40,767	756,500	117,290
Rhode Island	2,475	650	7,100	1,080
Connecticut	124,570	17,265	369,500	51,900
Middle Atlantic				
New York	3,727,204	83,025	23,431,700	406,200
New Jersey	6,080	2,214	38,000	10,200
Pennsylvania	396,320	2,800	1,799,300	17,200
East North Central				
Ohio	0	3,349	0	13,700
Indiana	29,557	0	101,400	0
Illinois	41,071	0	199,300	0
Michigan	375,040	40,407	1,636,400	161,700
Wisconsin	372,231	48,987	1,678,675	262,000
West North Central				
Minnesota	149,732	33,157	822,500	172,550
Iowa	140,090	300	830,800	900
Missouri	392,600	0	1,013,000	0
North Dakota	400,000	0	1,886,000	0
South Dakota	917,996	8,400	3,819,700	33,000
Nebraska	238,260	390	1,184,100	1,200
Kansas	5,910	0	20,200	0
South Atlantic				
Delaware	0	0	0	0
Maryland	271,200	600	1,321,200	3,600
District of Columbia	3,000	0	5,000	0
Virginia	395,407	14,335	1,048,600	45,600
West Virginia	101,650	106,680	441,200	533,000
North Carolina	1,617,685	12,938	4,852,700	41,400
South Carolina	936,235	28,106	2,508,500	96,900
Georgia	1,056,260	13,516	3,140,500	60,850
Florida	42,153	0	248,500	0
East South Central				
Kentucky	540,617	0	2,472,000	0
Tennessee	1,921,200	0	8,392,000	0
Alabama	1,824,595	8,000	7,210,900	20,000
Mississippi	0	0	0	0
West South Central				
Arkansas	568,340	0	1,331,500	0
Louisiana	0	0	0	0
Oklahoma	165,400	0	616,000	0
Texas	390,788	200	1,196,700	0
Mountain				
Montana	1,261,830	0	7,493,600	0
Idaho	1,250,265	200	7,378,000	400
Wyoming	212,830	0	936,900	0
Colorado	257,272	358	1,013,300	980
New Mexico	24,630	0	97,000	0
Arizona	979,990	0	3,666,100	0
Utah	174,251	0	711,300	0
Nevada	681,920	1,040	2,264,000	2,550
Pacific				
Washington	8,967,961	29,958	57,947,100	169,300
Oregon	2,736,247	3,000	16,640,100	12,700
California	4,606,622	2,160	22,064,600	850
Alaska	71,125	18,437	297,600	30,940
Hawaii	8,200	10,687	53,700	51,900

TABLE 6 - EXISTING HYDROELECTRIC PLANTS HAVING BOTH
MAIN AND AUXILIARY GENERATING UNITS - JANUARY 1, 1964

By States

State	Name of owner	Name of Plant	River	Installed capacity - kw		
				Main generating units	Auxiliary units	Total
Ala.	Tennessee Valley Authority	Wilson	Tennessee	598,000	750	598,750
Ala.	Tennessee Valley Authority	Guntersville	Tennessee	97,200	240	97,440
Ariz.	Bureau of Reclamation	Hoover 1/	Colorado	667,500	2,400	669,900
Ariz.	Salt R. Proj. Ag. Imp. P. Dist.	Roosevelt	Salt	19,290	400	19,690
Ark.	Corps of Engineers	Norfolk	North Fork	70,000	400	70,400
Ark.	Corps of Engineers	Bull Shoals	White	340,000	2,000	342,000
Calif.	Bureau of Reclamation	Shasta	Sacramento	375,000	4,000	379,000
Calif.	Los Angeles Dept. W. and P.	San Fernando	Los Angeles Aqueduct	5,600	60	5,660
Calif.	Los Angeles Dept. W. and P.	S. Francisquito 1	Los Angeles Aqueduct	58,125	750	58,875
Calif.	Southern Calif. Edison Co.	Big Creek No. 4	San Joaquin	84,000	650	84,650
Calif.	Southern Calif. Edison Co.	Big Creek No. 3	San Joaquin	106,500	600	107,100
Calif.	Southern Calif. Edison Co.	Big Creek No. 8	San Joaquin	58,500	350	58,850
Calif.	Southern Calif. Edison Co.	Mammoth Pool	San Joaquin	129,360	937	130,297
Iowa	Union Electric Company	Keokuk	Mississippi	124,800	3,200	128,000
Ky.	Tennessee Valley Authority	Kentucky	Tennessee	160,000	320	160,320
Ky.	Corps of Engineers	Wolf Creek	Cumberland	270,000	1,200	271,200
Maine	Bangor Hydro Electric Co.	Stillwater	Stillwater	1,950	25	1,975
Maine	Central Maine Power Co.	Harris	Kennebec	75,000	1,400	76,400
Md.	Susquehanna Electric Co.	Conowingo	Susquehanna	252,000	2,240	254,240
Mich.	Edison Sault Electric Co.	Carbide	St. Marys	46,270	1,750	48,020
Mo.	Corps of Engineers	Table Rock	White	200,000	1,400	201,400
Mo.	Union Electric Co. of Mo.	Osage	Osage	172,000	4,200	176,200
Nev.	Bureau of Reclamation	Hoover 1/	Colorado	672,500	2,400	674,900
N.Y.	Niagara Mohawk Power Corp.	Hannawa	Raquette	7,200	90	7,290
N.Y.	Niagara Mohawk Power Corp.	Diamond Island	Black	1,200	100	1,300
N.Y.	Niagara Mohawk Power Corp.	Effley Falls	Beaver	2,960	30	2,990
N.Y.	Niagara Mohawk Power Corp.	Trenton Falls	W. Canada Cr.	23,200	245	23,445
N.C.	Carolina Power and Light Co.	Tillery	Yadkin	84,000	450	84,450
N.C.	Carolina Power and Light Co.	Walters	Big Pigeon	108,000	600	108,600
N.C.	Duke Power Company	Lookout Shoals	Catawba	18,720	650	19,370
N.C.	Tennessee Valley Authority	Fontana	Little Tennessee	202,500	100	202,600
Okla.	Grand River Dam Authority	Pensacola	Grand	86,400	500	86,900
Oreg.	Corps of Engineers	Bonnaville	Columbia	518,400	4,000	522,400
Oreg.	Corps of Engineers	McInary	Columbia	980,000	6,000	986,000
Oreg.	Pacific Power and Light Co.	Tokete Falls	North Umpqua	42,500	50	42,550
Oreg.	Portland General Electric Co.	Station M	Clackamas	19,050	85	19,135
Pa.	Pennsylvania Power & Light Co.	Holtwood	Susquehanna	107,200	1,000	108,200
Pa.	Safe Harbor Wtr. Pwr. Corp.	Safe Harbor	Susquehanna	196,000	3,500	199,500
S.C.	Corps of Engineers	Clark Hill	Savannah	280,000	2,000	282,000
S.C.	Duke Power Company	Rocky Creek	Catawba	24,000	400	24,400
S.C.	Duke Power Company	Great Falls	Catawba	24,000	800	24,800
S.C.	Duke Power Company	99 Islands	Broad	18,000	250	18,250
S.C.	Duke Power Company	Gaston Shoals	Broad	9,140	125	9,265
S.C.	Duke Power Company	Boyd's Mill	Reedy	960	35	995
S.C.	Duke Power Company	Saluda	Saluda	2,600	70	2,670
Tenn.	Corps of Engineers	Dale Hollow	Obey	54,000	600	54,600
Tenn.	Tennessee Valley Authority	Pickwick Landing	Tennessee	216,000	320	216,320
Tenn.	Tennessee Valley Authority	Chickamauga	Tennessee	108,000	240	108,240
Tenn.	Tennessee Valley Authority	Ocoee No. 3	Ocoee	27,000	28	27,028
Tenn.	Tennessee Valley Authority	Watts Bar	Tennessee	150,000	240	150,240
Tenn.	Tennessee Valley Authority	Fort Loudon	Tennessee	128,000	240	128,240
Tenn.	Tennessee Valley Authority	Douglas	French Broad	112,000	160	112,160
Tenn.	Tennessee Valley Authority	Cherokee	Holston	120,000	160	120,160
Tenn.	Corps of Engineers	Center Hill	Caney Fork	135,000	800	135,800
Texas	Corps of Engineers	Denison	Red	70,000	1,200	71,200
Va.	Corps of Engineers	John Kerr	Roanoke	204,000	2,000	206,000
Wash.	Bureau of Reclamation	Grand Coulee	Columbia	1,944,000	30,000	1,974,000
Wash.	Chelan County, P.U.D. No. 1	Rock Island	Columbia	212,100	1,225	213,325
Wash.	Corps of Engineers	The Dalles	Columbia	1,119,000	6,000	1,125,000
Wash.	Corps of Engineers	Chief Joseph	Columbia	1,024,000	4,800	1,028,800
Wash.	Pacific Power & Light Co.	Merwin	Lewis	135,000	1,000	136,000
Wash.	Puget Sound Pwr. and Lt. Co.	Baker River	Baker	103,500	450	103,950
Wash.	Seattle Dept. of Lighting	Diablo	Skagit	120,000	2,400	122,400
Wash.	Tacoma Dept. of Pub. Utils.	La Grande	Nisqually	64,000	400	64,400

1/ Plants are located in Arizona and Nevada.

TABLES OF
UNDEVELOPED
HYDROELECTRIC
POWER

TABLE 7 - ESTIMATED INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF UNDEVELOPED HYDROELECTRIC POWER SITES - JANUARY 1, 1964

Totals by Major Drainages and River Basins

<i>Drainage and river basin</i>	<i>Installed capacity kw</i>	<i>Avg. annual generation 1000 kwh</i>	<i>Drainage and river basin</i>	<i>Installed capacity kw</i>	<i>Avg. annual generation 1000 kwh</i>
United States	115,733,891	445,858,440			
Hudson Bay	0	0	North Atlantic (Contd)		
Great Lakes-St. Lawrence	1,414,305	4,038,700	Delaware	972,600	2,855,500
North Atlantic	7,902,576	18,745,900	Susquehanna	2,446,560	5,096,200
South Atlantic	5,436,423	8,600,700	Potomac	723,820	1,768,800
Eastern Gulf	3,372,600	5,973,800	Rappahannock	120,850	204,000
Western Gulf	1,154,085	2,641,400	York	11,000	31,000
Lower Mississippi River	3,247,000	8,843,700	Minor Basins	15,000	27,000
Upper Mississippi River	577,660	2,459,900			
Ohio River	5,694,883	17,211,100	South Atlantic		
Missouri River	9,003,225	38,352,200	James	478,030	1,161,100
Great Basin	330,750	1,235,000	Roanoke	686,000	838,000
North Pacific	38,519,985	137,910,600	Cape Fear	177,200	521,300
South Pacific	9,904,056	37,417,700	Yadkin-Pee Dee	447,700	888,900
Colorado River	7,284,450	28,728,040	Santee	1,267,693	1,805,200
Alaska	21,616,893	132,399,700	Edisto	15,000	84,000
Hawaii	275,000	1,300,000	Savannah	1,614,600	1,796,700
			Altamaha	575,200	1,306,000
Hudson Bay	0	0	Minor Basins	175,000	199,500
Great Lakes-St. Lawrence					
St. Lawrence			Eastern Gulf		
Lake Champlain	180,935	487,700	Apalachicola	854,200	1,583,600
Chateaugay	40,080	73,800	Tombigbee	341,350	671,300
Salmon	30,450	64,200	Alabama-Coosa	2,059,950	3,508,400
St. Regis	133,100	340,000	Minor Basins	117,100	210,500
Raquette	183,500	258,000			
Grass	77,700	189,000	Western Gulf		
Oswegatchie	50,880	227,300	Brazos	281,950	274,000
Total St. Lawrence	696,645	1,640,000	Colorado, Texas	129,000	360,000
Lake Ontario			Rio Grande	495,950	1,435,700
Black	104,300	436,000	Minor Basins	247,185	571,700
Salmon	46,350	114,000			
Oswego	1,400	4,000	Lower Mississippi River		
Genesee	137,160	420,100	Red	905,700	1,976,800
Total Lake Ontario	289,210	974,100	Big Black	52,300	140,000
Lake Erie			Yazoo	32,000	121,000
Cattaraugus	37,000	108,000	Arkansas	1,034,100	3,754,900
Minor Basins	5,000	8,600	White	1,082,400	2,461,000
Total Lake Erie	42,000	116,600	St. Francis	72,500	119,000
Lake Huron			Meramec	68,000	271,000
Au Sable	47,500	128,500			
Total Lake Huron	47,500	128,500	Upper Mississippi River		
Lake Michigan			Mississippi (Main)	91,900	323,900
Manistee	88,100	211,800	Illinois	77,600	416,000
Grand	6,700	30,000	Des Moines	49,700	248,600
St. Joseph	7,200	29,400	Iowa	98,800	339,000
Fox	26,500	69,900	Rock	28,600	150,000
Menominee	40,900	175,800	Wisconsin	67,300	422,000
Minor Basins	31,250	112,700	Chippewa	79,800	268,700
Total Lake Michigan	200,650	629,600	Minor Basins	83,960	291,700
Lake Superior					
Sturgeon	45,900	55,200	Ohio River		
Ontonagon	15,000	83,000	Ohio (Main)	916,200	4,697,000
St. Louis	10,000	57,000	Tennessee	845,200	1,858,800
Minor Basins	67,400	354,700	Cumberland	1,079,333	2,073,200
Total Lake Superior	138,300	549,900	Wabash	245,000	780,000
			Green	102,000	284,000
North Atlantic			Kentucky	31,100	140,000
St. John	819,700	1,133,000	Kanawha	1,176,950	4,969,000
St. Croix	4,500	27,000	Beaver	100,000	140,000
Penobscot	271,168	1,344,000	Monongahela	697,000	1,431,000
Kennebec	382,350	1,109,000	Allegheny	249,600	371,100
Androscoggin	369,215	1,153,000	Minor Basins	252,500	467,000
Saco	75,610	197,000			
Merrimack	313,655	693,800	Missouri River		
Connecticut	715,948	1,709,400	Missouri (Main)	4,273,900	17,355,000
Housatonic	88,200	280,400	Gasconade	90,000	265,000
Hudson	572,400	1,116,800	Osage	168,100	468,700
			Grand	18,000	95,000
			Kansas	132,540	458,700
			Platte	936,125	3,737,000

TABLE 7 (CONTD) - ESTIMATED INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF UNDEVELOPED HYDROELECTRIC POWER SITES - JANUARY 1, 1964

Totals by Major Drainages and River Basins

<i>Drainage and river basin</i>	<i>Installed capacity kw</i>	<i>Avg. annual generation 1000 kwh</i>	<i>Drainage and river basin</i>	<i>Installed capacity kw</i>	<i>Avg. annual generation 1000 kwh</i>
Missouri River (Contd)			Sacramento (Contd)		
Niobrara	118,060	525,000	Putah	562,800	2,123,000
Yellowstone	2,944,500	14,024,000	American	1,134,323	2,828,400
Sun	20,500	61,000	Feather	2,052,600	6,416,600
Gallatin	14,000	66,000	West Side Canal	166,000	1,300,000
Madison	97,500	509,000	Clear	1,355,000	4,500,000
Jefferson	147,000	644,000	Pit	406,400	1,627,000
Minor Basins	43,000	143,800	Minor Basins	531,300	2,131,200
Great Basin			Total Sacramento	6,424,623	21,791,200
Truckee	46,500	181,000	San Joaquin		
Carson Lake	28,200	125,000	San Joaquin (Main)	151,000	809,000
Walker Lake	20,500	99,000	Mokelumne	54,000	220,000
Owens	46,400	289,000	Calaveras	10,000	56,000
Great Salt Lake	186,750	531,000	Stanislaus	533,300	1,729,700
Minor Basins	2,400	10,000	Tuolumne	241,310	1,255,000
North Pacific			Merced	135,310	547,500
Skagit	1,034,200	4,990,000	Minor Basins	30,000	140,000
Stillaguamish	158,100	894,000	Total San Joaquin	1,154,920	4,757,200
Snohomish	584,100	2,765,800	Kings	663,500	2,474,300
Puyallup	177,500	972,800	Kern	228,520	1,277,000
Nisqually	20,300	156,000	Minor Basins	33,133	111,000
Hood Canal	141,000	661,000	Colorado River		
Soleduck	17,700	120,000	Colorado (Main)	5,478,000	20,855,000
Hoh	120,200	781,000	Gila	144,700	793,940
Columbia			All American Canal	9,800	73,000
Columbia (Main)	10,644,725	31,833,600	Virgin	12,200	43,500
Grays	15,000	60,000	San Juan	343,500	1,568,000
Cowlitz	1,149,325	4,270,000	Green	888,650	3,368,000
Lewis	428,500	1,198,500	Gunnison	294,700	1,319,600
Willamette	977,600	4,912,200	Minor Basins	112,900	707,000
Sandy	86,300	551,000	Alaska		
Little White Salmon	30,600	210,000	Noatak	1,345,000	7,090,000
White Salmon	215,400	797,200	Yukon	11,874,380	79,972,000
Klickitat	111,600	854,000	Kuskokwim	576,000	4,010,000
Deschutes	717,550	3,870,000	Nushagak	252,400	1,126,000
Snake	14,534,635	49,985,900	Chakachata	711,600	3,844,000
Yakima	183,100	1,133,000	Kodiak Island	100,300	419,000
Wenatchee	378,386	1,801,000	Susitna	1,602,800	8,045,000
Chelan	85,300	401,700	Matanuska	80,000	440,000
Okanogan	84,000	180,000	Knik	190,000	1,000,000
Spokane	262,450	1,216,000	Copper	2,228,600	13,181,000
Pend Oreille	4,193,120	12,490,800	Endicott	13,000	70,000
Minor Basins	51,400	224,000	Taiya	800,000	4,200,000
Total Columbia	34,148,991	115,988,900	Speel	154,000	889,300
Nehalem	102,000	464,000	Stikine	122,700	710,000
Umpqua	343,200	2,326,100	Portland Canal	41,500	226,000
Rogue	816,700	3,326,800	Admiralty Island	37,000	210,000
Minor Basins	855,994	4,464,200	Chichagof Island	13,500	71,000
South Pacific			Baranof Island	105,870	563,000
Smith	100,000	460,000	Kupreanof Island	21,600	NA
Klamath	881,500	4,187,000	Revillagigedo Island	101,465	456,000
Mad	117,000	590,000	Prince of Wales Island	35,750	190,500
Eel	266,900	1,522,000	Minor Basins	1,209,428	5,686,900
Russian	33,960	248,000	Hawaii		
Sacramento			Kauai Island	25,000	200,000
Sacramento (Main)	216,200	865,000	Minor Basins	250,000	1,100,000

**TABLE 8 - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1964**

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
<u>HUDSON BAY MAJOR DRAINAGE</u>							
<u>HUDSON BAY DRAINAGE TOTAL</u>				<u>0</u> <u>0</u>	<u>0</u> <u>0</u>		
<u>GREAT LAKES ST LAWRENCE MAJOR DRAINAGE</u>							
<u>ST LAWRENCE RIVER DRAINAGE</u>							
LAKE CHAMPLAIN BASIN							
	HIGHGATE	MISSISSQUOI	VT	7 000	26 000	NA	42
	SHELDON SPRINGS	MISSISSQUOI	VT	7 700	46 000	NA	106
R	SHELDON SPRINGS	MISSISSQUOI	VT	1 750-	7 000-	NA	79
	JAY BRANCH	JAY BR	VT	7 300	19 000	44	166
R	TROY	MISSISSQUOI	VT	600-	1 200-	U	60
A	MILTON	LAMOILLE	VT	10 000	22 000	NA	100
	EAST GEORGIA	LAMOILLE	VT	10 000	23 000	U	52
	BURLINGTON	WINDOSKI	VT	6 000	30 000	NA	34
	WINDOSKI GORGE 18	WINDOSKI	VT	6 000	15 000	NA	43
	BOLTON GORGE	WINDOSKI	VT	6 500	31 000	NA	62
	HUNTINGTON FALLS	OTTER CR	VT	17 400	67 000	17	135
R	HUNTINGTON FALLS	OTTER CR	VT	1 200-	10 000-	NA	39
R	BELDEN	OTTER CR	VT	1 200-	9 600-	NA	41
	ROME	W BR AUSABLE	N Y	15 500	51 000	NA	231
R	AU SABLE FORKS	W BR AUSABLE	N Y	1 250-	4 700-	NA	92
	CHERRY PATCH	W BR AUSABLE	N Y	30 000	60 000	79	705
A	KENTS FALLS	SARANAC	N Y	12 000	22 000	U	161
A	CADYVILLE	SARANAC	N Y	5 200	12 000	U	77
A	HIGH FALLS	SARANAC	N Y	14 000	27 000	U	268
	TEFT POND	SARANAC	N Y	26 000	58 000	U	238
	UNION FALLS	SARANAC	N Y	11 000	26 000	51	112
R	UNION FALLS	SARANAC	N Y	2 400-	8 600-	NA	61
R	FRANKLIN FALLS	SARANAC	N Y	2 265-	6 200-	NA	57
				180 935	487 700		
CHATEAUGAY RIVER BASIN							
	CHATEAUGAY CHASM	CHATEAUGAY	N Y	15 000	29 000	U	280
R	CHATEAUGAY	CHATEAUGAY	N Y	720-	5 200-	20	88
	CHATEAUGAY MILL	CHATEAUGAY	N Y	7 600	15 000	U	150
	SOUTH CHATEAUGAY	CHATEAUGAY	N Y	11 900	23 000	U	230
	BRAINARDSVILLE	CHATEAUGAY	N Y	6 300	12 000	69	125
				40 080	73 800		
SALMON RIVER BASIN							
	MACOMB	SALMON	N Y	8 800	49 000	U	300
R	MACOMB	SALMON	N Y	1 000-	6 800-	U	53
	TITUSVILLE	SALMON	N Y	26 000	46 000	141	380
R	CHASM	SALMON	N Y	3 350-	24 000-	U	266
				30 450	64 200		
ST REGIS RIVER BASIN							
	LOWER PARISHVILLE	W BR ST REGIS	N Y	11 000	30 000	U	144
R	PARISHVILLE	W BR ST REGIS	N Y	2 400-	15 000-	U	144
	UPPER PARISHVILLE	W BR ST REGIS	N Y	9 000	23 000	U	112
	SYLVAN FALLS	W BR ST REGIS	N Y	16 300	41 000	26	220
	FIVE MILE	W BR ST REGIS	N Y	8 100	21 000	58	180
	FORT JACKSON	E BR ST REGIS	N Y	25 500	71 000	U	240
	NICHOLVILLE	E BR ST REGIS	N Y	26 900	71 000	U	260
	ST REGIS FALLS	E BR ST REGIS	N Y	38 700	98 000	110	440
				133 100	340 000		
RAQUETTE RIVER BASIN							
A	SUGAR ISLAND	RAQUETTE	N Y	20 800	29 000	U	63
A	HANNAWA	RAQUETTE	N Y	25 200	30 000	U	82
A	COLTON	RAQUETTE	N Y	87 400	108 000	U	285
A	HIGLEY	RAQUETTE	N Y	12 100	13 000	U	44
	MOOSEHEAD RAPIDS	RAQUETTE	N Y	29 000	66 000	U	85
A	PIERCEFIELD	RAQUETTE	N Y	9 000	12 000	U	35
				183 500	258 000		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
R	GRASS RIVER BASIN						
	PYRITES	GRASS	N Y	15 000	45 000	U	130
	PYRITES	GRASS	N Y	1 200-	9 000-	U	75
	JACKSON FALLS	GRASS	N Y	7 900	24 000	U	70
	CLARE	N BR GRASS	N Y	25 700	67 000	79	260
	CLARKSBORO	S BR GRASS	N Y	11 600	24 000	U	200
	RAINBOW FALLS	S BR GRASS	N Y	11 700	25 000	U	200
	COPPER ROCKS FLS	S BR GRASS	N Y	7 000	13 000	U	120
				77 700	189 000		
R	OSWEGATCHIE RIVER BASIN						
	WEGATCHIE	OSWEGATCHIE	N Y	8 000	40 000	U	50
	NATURAL DAM	OSWEGATCHIE	N Y	1 200-	3 500-	U	20
	HAILESBO	OSWEGATCHIE	N Y	23 000	108 000	U	150
	HAILESBO NO 4	OSWEGATCHIE	N Y	1 320-	7 200-	NA	30
	FOWLER NO 7	OSWEGATCHIE	N Y	900-	5 000-	NA	15
	EMERYVILLE	OSWEGATCHIE	N Y	9 000	42 000	U	60
	EMERYVILLE	OSWEGATCHIE	N Y	1 320-	8 000-	U	32
R	COTTON RAPIDS	E BR OSWEGATCHIE	N Y	12 700	58 000	U	190
R	OSWEGATCHIE	E BR OSWEGATCHIE	N Y	800-	6 000-	U	10
R	SO EDWARDS NO 2	E BR OSWEGATCHIE	N Y	2 680-	20 000-	U	82
	MADISON CHUTE	E BR OSWEGATCHIE	N Y	6 400	29 000	U	102
				50 880	227 300		
<u>ST LAWRENCE RIVER DRAINAGE TOTAL</u>				<u>696 645</u>	<u>1 640 000</u>		
<u>LAKE ONTARIO DRAINAGE</u>							
R	BLACK RIVER BASIN						
	GLEN PARK	BLACK	N Y	5 000		U	40
	FELTS MILLS	BLACK	N Y	10 000	85 000	U	44
	LYONS FALLS	BLACK	N Y	11 100	64 000	U	67
	SHUTOWN	MOOSE	N Y	34 000	130 000	U	220
	MILL NO 3	MOOSE	N Y	4 700-	23 000-	U	30
	FOWLERSVILLE	MOOSE	N Y	30 100	114 000	U	195
	MOOSE RIVER	MOOSE	N Y	18 800	66 000	U	140
				104 300	436 000		
A	SALMON RIVER BASIN						
	PULASKI	SALMON	N Y	9 900	24 000	U	85
	FOX BRIDGE	SALMON	N Y	15 000	37 000	U	115
	CENTERVILLE	SALMON	N Y	9 100	22 000	U	70
	ALTMAR	SALMON	N Y	8 600	21 000	U	65
A	LIGHTHOUSE HILL	SALMON	N Y	3 750	10 000	U	65
				46 350	114 000		
A	OSWEGO RIVER BASIN						
	HIGH DAM NO 6	OSWEGO	N Y	1 400	4 000	U	22
				1 400	4 000		
R	GENESEE RIVER BASIN						
	ROCHESTER UPR FLS	GENESEE	N Y	17 000	137 000	U	120
	ROCHESTER NO 2	GENESEE	N Y	6 500-	51 000-	U	91
	ROCHESTER NO 26	GENESEE	N Y	3 000-	16 000-	NA	25
	CANASERAGA	CANASERAGA CR	N Y	8 000	28 000	10	390
	MT MORRIS	GENESEE	N Y	40 000	95 000	72	122
	MT MORRIS NO 160	GENESEE	N Y	340-	2 900-	NA	40
	PORTAGE	GENESEE	N Y	82 000	230 000	142	410
				137 160	420 100		
<u>LAKE ONTARIO DRAINAGE TOTAL</u>				<u>289 210</u>	<u>974 100</u>		
<u>LAKE ERIE DRAINAGE</u>							
	CATTARAUGUS CREEK BASIN						
	CHAUTAUQUA CREEK	CHAUTAUQUA CREEK	N Y	37 000	108 000	78	797
				37 000	108 000		
	MINOR RIVER BASINS						
	DEFIANCE	AUGLAIZE	OHIO	5 000	8 600	12	24
				5 000	8 600		
<u>LAKE ERIE DRAINAGE TOTAL</u>				<u>42 000</u>	<u>116 600</u>		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
<u>LAKE HURON DRAINAGE</u>							
AU SABLE RIVER BASIN							
THOMPSON	AU SABLE	MICH		12 000	36 500	NA	48
UPPER FLAT ROCK	AU SABLE	MICH		25 000	<u>68 000</u>	NA	107
BAKER BRIDGE	AU SABLE	MICH		5 500	13 300	NA	32
EATON	AU SABLE	MICH		5 000	10 700	NA	48
				<u>47 500</u>	<u>128 500</u>		
<u>LAKE HURON DRAINAGE TOTAL</u>				<u>47 500</u>	<u>128 500</u>		
<u>LAKE MICHIGAN DRAINAGE</u>							
MANISTEE RIVER BASIN							
ANDERSON	MANISTEE	MICH		10 000	25 000	NA	19
HIGH BRIDGE	MANISTEE	MICH		6 800	16 300	NA	15
WILSON	S BR MANISTEE	MICH		8 200	20 000	NA	110
LOWER SIBLEY	MANISTEE	MICH		17 000	41 000	NA	59
SHERMAN	MANISTEE	MICH		16 000	38 000	NA	61
MANTON	MANISTEE	MICH		9 500	22 700	NA	45
WALTON	MANISTEE	MICH		5 600	13 300	NA	31
SANDS	MANISTEE	MICH		10 000	23 500	NA	66
DUTCH JOHN	MANISTEE	MICH		<u>5 000</u>	<u>12 000</u>	NA	40
				88 100	211 800		
MINOR RIVER BASINS							
BRIDGETON	MUSKEGON	MICH		6 000	25 700	NA	22
BACON	MUSKEGON	MICH		<u>15 000</u>	<u>36 000</u>	NA	31
				21 000	61 700		
GRAND RIVER BASIN							
GRAND RAPIDS	GRAND	MICH		6 700	<u>30 000</u>	U	17
				6 700	<u>30 000</u>		
KALAMAZOO RIVER BASIN							
A ALLEGAN	KALAMAZOO	MICH		<u>50</u>	<u>0</u>	NA	12
				50	0		
ST JOSEPH RIVER BASIN							
KINGS LANDING	ST JOSEPH	MICH		<u>7 200</u>	<u>29 400</u>	U	18
				7 200	29 400		
FOX RIVER BASIN							
A LEEMAN	WOLF	WIS		5 000	12 400	U	20
KESHENA FALLS	WOLF	WIS		5 500	15 000	U	37
DALLES	WOLF	WIS		10 200	27 200	9	82
SHOTGUN RAPIDS	WOLF	WIS		<u>5 800</u>	<u>15 300</u>	U	56
				26 500	69 900		
MINOR RIVER BASINS							
A STILES	OCONTO	WIS		500	2 000	NA	20
ROARING RAPIDS	PESHTIGO	WIS		<u>9 700</u>	<u>49 000</u>	U	200
				10 200	51 000		
MENOMINEE RIVER BASIN							
A CHAPPIE RAPIDS	MENOMINEE	MICH		5 200	24 000	U	16
PEMENE FALLS	MENOMINEE	MICH		10 000	40 000	NA	32
PEMENE DAM	MENOMINEE	MICH		7 000	33 000	U	28
STURGEON FALLS	MENOMINEE	MICH		1 500	800	NA	26
SAND PORTAGE	MENOMINEE	MICH		4 600	23 000	U	43
SAND PORTAGE	MENOMINEE	WIS		4 600	23 000	U	43
A BIG QUINNESEC	MENOMINEE	MICH		<u>8 000</u>	<u>32 000</u>	U	91
				40 900	175 800		
<u>LAKE MICHIGAN DRAINAGE TOTAL</u>				<u>200 650</u>	<u>629 600</u>		
<u>LAKE SUPERIOR DRAINAGE</u>							
MINOR RIVER BASINS							
TAHQUAMENON FALLS	TAHQUAMENON	MICH		<u>4 500</u>	<u>30 000</u>	NA	93
				4 500	30 000		
STURGEON RIVER BASIN							
LOWER PLANT	STURGEON	MICH		16 300	19 000	NA	90
BIG FALLS	STURGEON	MICH		17 600	24 000	46	110
TIBBETS FALLS	STURGEON	MICH		12 000	12 200	46	112
				<u>45 900</u>	<u>55 200</u>		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
	ONTONAGON RIVER BASIN						
	GRAND RAPIDS	ONTONAGON	MICH	4 800	32 000	NA	55
	FORKS	ONTONAGON	MICH	4 200	28 000	NA	40
	HOOPER	W BR ONTONAGON	MICH	6 000	23 000	NA	70
				15 000	83 000		
	MINOR RIVER BASINS						
	BAKER	BAD	WIS	4 900	27 000	44	104
				4 900	27 000		
	ST LOUIS RIVER BASIN						
	GRAND RAPIDS	ST LOUIS	MINN	10 000	57 000	NA	66
				10 000	57 000		
	MINOR RIVER BASINS						
	BAPTISM	BAPTISM	MINN	11 400	60 000	33	598
	LOWER POPLAR	POPLAR	MINN	4 500	26 000	NA	278
	UPPER POPLAR	POPLAR	MINN	7 400	38 000	93	460
	CASCADE	CASCADE	MINN	5 600	26 800	35	663
	BRULE NO 5	BRULE	MINN	6 200	34 000	NA	270
	BRULE NO 4	BRULE	MINN	7 200	39 500	NA	320
	BRULE NO 3	BRULE	MINN	5 100	28 400	NA	230
	HIGH FALLS	PIGEON'	MINN	10 600	45 000	NA	225
				58 000	297 700		
	<u>LAKE SUPERIOR DRAINAGE TOTAL</u>			<u>138 300</u>	<u>549 900</u>		
	<u>GREAT LAKES-ST LAWRENCE MAJOR DRAINAGE TOTAL</u>			<u>1 414 305</u>	<u>4 038 700</u>		
	<u>NORTH ATLANTIC MAJOR DRAINAGE</u>						
A	ST JOHN RIVER BASIN						
	CARIBOU	AROOSTOOK	MAINE	200	1 000	NA	12
	CASTLE HILL	AROOSTOOK	MAINE	18 000	70 000	U	60
	FISH RIVER FALLS	FISH	MAINE	7 500	32 000	65	45
	LINCOLN SCHOOL	ST JOHN	MAINE	34 000	280 000	16	72
	DICKEY	ST JOHN	MAINE	760 000	750 000	2 900	305
				819 700	1 133 000		
	ST CROIX RIVER BASIN						
	MILLTOWN	ST CROIX	MAINE	4 500	27 000	NA	50
				4 500	27 000		
	MINOR RIVER BASINS						
	UPPER HOLMES	MACHIAS	MAINE	15 000	27 000	154	101
				15 000	27 000		
R	PENOBSCOT RIVER BASIN						
	BASIN MILLS	PENOBSCOT	MAINE	12 000	93 000	U	27
	ORONO	STILLWATER	MAINE	2 332-	10 000-	U	25
	BANGOR DIVERSION	PENOBSCOT	MAINE	40 000	223 000	U	115
	SUNKHAZE RAPIDS	PENOBSCOT	MAINE	12 000	95 000	U	28
	BONNIE BROOK	PISCATAQUIS	MAINE	20 000	76 000	57	91
	MOHAWK RAPIDS	PENOBSCOT	MAINE	8 000	62 000	U	16
	WINN	PENOBSCOT	MAINE	12 000	89 000	U	23
	STRATTON RIPS	MATTAWAMKEAG	MAINE	40 000	170 000	863	140
	DEBSCONEAG	W BR PENOBSCOT	MAINE	15 000	69 000	U	58
	SOURDNAHUNK	W BR PENOBSCOT	MAINE	24 000	109 000	U	95
	THE ARCHES	W BR PENOBSCOT	MAINE	22 500	94 000	U	90
	MEADOW BROOK	E BR PENOBSCOT	MAINE	12 000	48 000	U	50
	WHETSTONE FALLS	E BR PENOBSCOT	MAINE	30 000	117 000	255	135
	GRAND FALLS	SEBOOTS STREAM	MAINE	6 000	28 000	U	50
	SAWTELLE FALLS	SAWTELLE BROOK	MAINE	15 000	59 000	140	140
	GRAND PITCH	WEBSTER BROOK	MAINE	5 000	22 000	U	90
				271 168	1 344 000		
R	KENNEBEC RIVER BASIN						
	GREENLEAF	SANDY	MAINE	10 000	42 000	100	120
	MADISON HIGH	KENNEBEC	MAINE	24 000	150 000	U	64
	ABENAKI	KENNEBEC	MAINE	3 650-	10 000-	U	42
	NORTH ANSON	KENNEBEC	MAINE	10 000	54 000	U	29
	PIERCE POND DIVR	KENNEBEC	MAINE	180 000	380 000	10	690
	THE FORKS	KENNEBEC	MAINE	48 000	166 000	U	110
	COLD STREAM	KENNEBEC	MAINE	90 000	260 000	NA	195
	MOOSEHEAD LAKE	KENNEBEC	MAINE	24 000	67 000	545	64
				382 350	1 109 000		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
ANDROSCOGGIN RIVER BASIN							
R	BRUNSWICK	ANDROSCOGGIN	MAINE	23 000	85 000	NA	33
R	BRUNSWICK	ANDROSCOGGIN	MAINE	1 473-	12 000-	U	17
R	TOPSHAM	ANDROSCOGGIN	MAINE	900-	7 000-	U	20
R	PEJEPSCOT	ANDROSCOGGIN	MAINE	10 000	52 000	NA	22
R	PEJEPSCOT	ANDROSCOGGIN	MAINE	1 500-	7 500-	U	22
R	WOKUMBO	ANDROSCOGGIN	MAINE	15 000	70 000	NA	48
R	LISBON FALLS	ANDROSCOGGIN	MAINE	900-	3 300-	U	19
R	LEWISTON	ANDROSCOGGIN	MAINE	30 000	130 000	NA	55
R	LEWISTON	ANDROSCOGGIN	MAINE	100-	200-	U	35
R	LEWISTON	ANDROSCOGGIN	MAINE	750-	3 000-	U	28
R	LEWISTON DIVISION	ANDROSCOGGIN	MAINE	4 800-	18 500-	U	28
R	HILL DIVISION	ANDROSCOGGIN	MAINE	2 160-	9 500-	U	25
R	ANDROSCOGGIN	ANDROSCOGGIN	MAINE	2 782-	11 000-	U	25
R	LEWISTON	ANDROSCOGGIN	MAINE	700-	3 000-	U	25
R	GULF ISLAND	ANDROSCOGGIN	MAINE	30 000	160 000	NA	68
R	GULF ISLAND	ANDROSCOGGIN	MAINE	19 200-	125 000-	5	55
R	RAM ISLAND	ANDROSCOGGIN	MAINE	30 000	90 000	240	49
R	LIVERMORE MILL	ANDROSCOGGIN	MAINE	4 540-	22 000-	U	31
R	OTIS	ANDROSCOGGIN	MAINE	12 000	60 000	NA	NA
R	OTIS MILL	ANDROSCOGGIN	MAINE	2 880-	10 000-	U	24
R	JAY	ANDROSCOGGIN	MAINE	20 000	80 000	NA	34
R	JAY	ANDROSCOGGIN	MAINE	2 800-	16 000-	U	14
R	DIXFIELD	ANDROSCOGGIN	MAINE	10 000	49 000	U	25
R	RUMFORD LOWER	ANDROSCOGGIN	MAINE	41 000	190 000	NA	80
R	RUMFORD FLS LWR	ANDROSCOGGIN	MAINE	12 800-	103 000-	U	78
A	RUMFORD FLS UPR	ANDROSCOGGIN	MAINE	17 000	29 000	U	97
A	GILEAD	ANDROSCOGGIN	MAINE	16 000	61 000	U	40
A	PULSIFER RIPS	N H		6 000	43 000	U	40
A	BERLIN	ANDROSCOGGIN	N H	75 000	60 000	NA	370
A	PONTOOK	ANDROSCOGGIN	N H	24 000	95 000	U	80
A	MOLLIDGEWOCK	ANDROSCOGGIN	N H	22 500	54 000	U	45
A	ERROL	ANDROSCOGGIN	N H	24 000	57 000	314	55
A	AZISCOHOS	MAGALLOWAY	MAINE	10 000	49 000	159	245
A	RICHARDSON	RAPID	MAINE	8 000	60 000	130	178
A	KENNEBAGO	KENNEBAGO	MAINE	4 000	30 000	16	309
				369 215	1 153 000		
SACO RIVER BASIN							
A	CATARACT	SACO	MAINE	10 000	40 000	U	44
A	WEST BUXTON	SACO	MAINE	5 400	16 000	U	27
A	BONNY EAGLE	SACO	MAINE	7 800	26 000	U	38
A	STEEP FALLS	SACO	MAINE	15 000	48 000	U	38
R	KEZAR FALLS	OSSIPEE	MAINE	350-	1 400-	NA	16
R	GREAT FALLS	SACO	MAINE	40 000	87 000	275	111
R	HIRAM	SACO	MAINE	2 400-	19 000-	U	79
A	SWANS FALLS	SACO	MAINE	160	400	U	13
				75 610	197 000		
MERRIMACK RIVER BASIN							
R	ESSEX DAM	MERRIMACK	MASS	10 000	28 000	U	30
R	EVERETT MILLS	MERRIMACK CANAL	MASS	1 000-	1 700-	NA	26
R	CANAL STREET	MERRIMACK CANAL	MASS	1 920-	6 000-	NA	NA
R	CANAL STREET	MERRIMACK CANAL	MASS	1 400-	4 000-	NA	NA
R	MERRIMAC	MERRIMACK CANAL	MASS	600-	2 300-	NA	30
R	LAWRENCE	MERRIMACK CANAL	MASS	1 200-	6 100-	NA	26
R	PAWTUCKET DAM	MERRIMACK	MASS	20 000	80 000	U	37
R	LOWELL	MERRIMACK CANAL	MASS	4 975-	8 900-	U	40
R	LOWELL	MERRIMACK CANAL	MASS	1 050-	1 900-	U	40
R	LOWELL	MERRIMACK CANAL	MASS	2 400-	6 900-	U	40
R	LOWELL	MERRIMACK CANAL	MASS	1 300-	5 400-	U	40
A	MOORES FALLS	MERRIMACK	N H	30 000	110 000	U	35
A	AMOSKEAG	MERRIMACK	N H	22 000	28 000	U	46
A	HOOKSETT	MERRIMACK	N H	7 400	20 000	U	14
A	GARVING FALLS	MERRIMACK	N H	13 500	10 000	U	30
A	SEWALLS FALLS	MERRIMACK	N H	6 000	13 000	NA	16
A	RIVER HILL	CONTOCOOK	N H	20 000	64 000	U	114
A	BLACKWATER	BLACKWATER	N H	12 000	21 000	68	218
A	LONG FALLS	CONTOCOOK	N H	12 000	36 000	U	118
A	STODDARD NO 1	N BR CONTOCOOK	N H	6 000	7 000	29	268
A	TILTON	WINNIPESAUKEE	N H	14 000	34 000	U	92
A	EASTMAN FALLS	PEMIGEWASSET	N H	13 000	37 000	NA	55
R	EASTMAN FALLS	PEMIGEWASSET	N H	3 000-	16 000-	U	35
R	SMITH RIVER DIVR	NEWFOUND	N H	100 000	175 000	30	257
A	AYERS ISLAND	PEMIGEWASSET	N H	6 600	7 000	6	80
A	LIVERMORE FALLS	PEMIGEWASSET	N H	40 000	83 000	380	182
				313 655	693 800		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
CONNECTICUT RIVER BASIN							
A	ENFIELD	CONNECTICUT	CONN	90 000	260 000	U	31
	HUNTINGTON	WESTFIELD	MASS	6 000	25 000	10	115
	KNIGHTVILLE	WESTFIELD	MASS	10 000	20 000	20	115
	HADLEY FALLS	CONNECTICUT	MASS	45 000	150 000	7	52
	MEADOW	DEERFIELD	MASS	12 700	42 000	U	61
	CHARLEMONT	DEERFIELD	MASS	20 000	50 000	25	105
	ZOAR	DEERFIELD	MASS	20 000	50 000	NA	140
	TURNERS FALLS	CONNECTICUT CAN	MASS	66 000	170 000	20	82
	TURNERS FALLS	CONNECTICUT CAN	MASS	4 840-	12 500-	9	48
	TURNERS FALLS	CONNECTICUT CAN	MASS	450-	200-	NA	42
R	TURNERS FALLS	CONNECTICUT CAN	MASS	937-	4 800-	NA	47
A	ERVING	MILLERS	MASS	30 000	80 000	NA	290
	TULLY	MILLERS	MASS	20 000	30 000	54	177
	SOUTH ROYALSTON	MILLERS	MASS	10 000	20 000	NA	126
	HINSDALE	ASHUELOT	N H	20 000	50 000	U	160
	BALD HILL	ASHUELOT	N H	16 000	22 000	36	278
	VERNON *	CONNECTICUT	N H	10 000	18 000	6	34
	VERNON *	CONNECTICUT	VT	10 000	18 000	6	34
	WILLIAMSVILLE	WEST	VT	145 000	84 000	174	224
	BALL MOUNTAIN	WEST	VT	20 000	70 000	30	340
	BELLOWS FALLS	CONNECTICUT	VT	0	60 000	10	62
E	SPRINGFIELD	BLACK	VT	7 000	21 000	NA	122
R	SPRINGFIELD	BLACK	VT	525-	700-	NA	11
	PERKINSVILLE	BLACK	VT	10 000	30 000	60	220
	NORTHVILLE	SUGAR	N H	8 000	36 000	10	250
	HART ISLAND	CONNECTICUT	VT	25 200	109 000	U	28
	GAYSVILLE	WHITE	VT	10 700	33 000	29	139
	WILDER *	CONNECTICUT	N H	8 100	5 500	13	51
	WILDER *	CONNECTICUT	VT	8 100	5 500	13	51
	WELLS RIVER *	CONNECTICUT	N H	10 000	30 000	U	29
	WELLS RIVER *	CONNECTICUT	VT	10 000	30 000	U	29
	BATH NO 2	AMMONOOSUC	N H	10 000	25 000	NA	65
A	BATH NO 1	AMMONOOSUC	N H	6 000	15 000	NA	55
	COOS *	CONNECTICUT	N H	12 000	50 000	30	120
	COOS *	CONNECTICUT	VT	12 000	50 000	30	120
	BROWNS MILL	PAUL STREAM	VT	9 000	15 000	20	327
	CANAAN	CONNECTICUT	VT	7 000	20 000	NA	50
	CANAAN	CONNECTICUT	VT	1 100-	7 400-	U	35
	INDIAN STREAM	CONNECTICUT	N H	20 000	41 000	62	150
				715 948	1 709 400		
HOUSATONIC RIVER BASIN							
R	SHELTON	HOUSATONIC	CONN	13 000	40 000	NA	32
	DERBY	HOUSATONIC	CONN	800-	3 100-	U	20
	ROXBURY	SHEPAUG	CONN	7 500	27 000	U	157
	STEEP ROCK	SHEPAUG	CONN	6 000	19 000	U	150
	BOARDMAN	HOUSATONIC	CONN	10 000	35 000	U	35
	WEBATUCK	TENMILE DIV	CONN	5 000	24 000	U	130
	KENT FURNACE	HOUSATONIC	CONN	25 000	76 000	U	95
	WEST CORNWALL	HOUSATONIC	CONN	6 500	22 000	U	30
	MT PROSPECT CAANAN	HOUSATONIC	CONN	25 000	80 000	U	121
	FALLS VILLAGE	HOUSATONIC	CONN	9 000-	39 500-	U	92
A				88 200	280 400		
HUDSON RIVER BASIN							
A	CRESCENT	MOHAWK	N Y	5 600	23 000	U	28
	VISSCHER FERRY	MOHAWK	N Y	5 600	23 000	U	28
	TRENTON FALLS	W CANADA CR	N Y	23 000	19 000	U	268
	WILMURT	W CANADA CR	N Y	6 300	26 000	U	100
	MOREHOUSEVILLE	W CANADA CR	N Y	7 500	17 000	32	302
	WATERFORD	HUDSON	N Y	15 000	50 000	NA	14
	MECHANICVILLE	HUDSON	N Y	7 000	15 000	NA	23
	STILLWATER	HUDSON	N Y	6 400	20 000	NA	9
	GREENWICH	BATTEN KILL	N Y	8 100	43 000	NA	106
	GREENWICH	BATTENKILL	N Y	750-	4 900-	NA	15
A	THOMSON	HUDSON	N Y	6 100	28 000	NA	18
	FORT MILLER	HUDSON	N Y	5 700	20 000	NA	10
	HUDSON FALLS	HUDSON	N Y	90 000	150 000	U	80
	BAKERS FALLS	HUDSON	N Y	2 250-	15 000-	U	55
	MOREAU	HUDSON	N Y	4 800-	42 000-	U	64
	SOUTH GLEN FALLS	HUDSON	N Y	18 000	14 000	U	47
	SHERMAN ISLAND	HUDSON	N Y	8 000	12 000	U	68
	SPIER FALLS	HUDSON	N Y	40 000	8 700	U	83
	PALMER	HUDSON	N Y	59 000	130 000	U	85
	CURTIS	HUDSON	N Y	17 800	29 000	U	26
A	E J WEST	SACANDAGA	N Y	10 000	9 000	NA	65

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
HUDSON RIVER BASIN (CONTINUED)							
	BLACKBRIDGE	W BR SACANDAGA	N Y	23 000	59 000	16	300
	PISECO LAKE	W BR SACANDAGA	N Y	22 000	49 000	110	328
	AUGER FLATS	SACANDAGA	N Y	13 000	35 000	U	340
	LAKE PLEASANT	SACANDAGA	N Y	11 000	22 000	60	316
	HADLEY	HUDSON	N Y	82 000	170 000	U	67
	KETTLE MOUNTAIN	HUDSON	N Y	78 000	180 000	172	300
	TROUT BROOK	TROUT BROOK	N Y	6 800	14 000	41	260
	CHAIN LAKES	CEDAR	N Y	5 300	13 000	97	90
				572 400	1 116 800		
DELAWARE RIVER BASIN							
	YARDLEY #	DELAWARE	N J	30 000	145 000	NA	45
	YARDLEY #	DELAWARE	PA	30 000	145 000	NA	45
	LUMBERVILLE #	DELAWARE	N J	30 000	130 000	NA	50
	LUMBERVILLE #	DELAWARE	PA	30 000	130 000	NA	50
	RIEGELVILLE #	DELAWARE	N J	30 000	130 000	NA	50
	RIEGELVILLE #	DELAWARE	PA	30 000	130 000	NA	50
	MAUCH CHUNK	LEHIGH	PA	150 000	325 000	NA	1 060
	CHESTNUT HILL #	DELAWARE	N J	20 000	90 000	NA	45
	CHESTNUT HILL #	DELAWARE	PA	20 000	90 000	NA	45
	BELVIDERE #	DELAWARE	N J	85 000	225 000	100	120
	BELVIDERE #	DELAWARE	PA	85 000	225 000	100	120
	FLAT BROOK	FLAT BROOK	PA	230 000	350 000	475	260
	TOCKS ISLAND	DELAWARE	N J	46 000	281 500	410	107
	OAKLAND VALLEY	NEVERSINK	N Y	9 700	46 000	U	210
	DENTON FALLS	NEVERSINK	N Y	14 900	67 000	24	360
	DELAWARE	MONGAUP	N Y	10 000	35 000	U	160
	BARRYVILLE #	DELAWARE	N Y	14 850	63 000	19	70
	BARRYVILLE #	DELAWARE	PA	14 850	63 000	19	70
	WALLENPAUPACK	LACKAWAXEN	PA	40 000	0	158	370
	NARROWSBURG #	DELAWARE	N Y	7 950	32 000	9	40
	NARROWSBURG #	DELAWARE	PA	7 950	32 000	9	40
	HANCOCK	E BR DELAWARE	N Y	10 300	39 000	20	65
	EAST BRANCH	E BR DELAWARE	N Y	6 100	15 000	53	83
	CANONSVILLE	W BR DELAWARE	N Y	20 000	67 000	275	175
				972 600	2 855 500		
SUSQUEHANNA RIVER BASIN							
A	CONOWINGO	SUSQUEHANNA	MD	222 480	425 000	71	89
	HOLTWOOD	SUSQUEHANNA	PA	40 000	180 000	19	51
A	SAFE HARBOR	SUSQUEHANNA	PA	140 000	0	63	54
	SHOCKS MILLS	SUSQUEHANNA	PA	300 000	980 000	100	60
R	YORK HAVEN	SUSQUEHANNA	PA	2 500-	16 000-	NA	21
R	YORK HAVEN	SUSQUEHANNA	PA	19 620-	115 000-	U	22
	MARYSVILLE	SUSQUEHANNA	PA	180 000	520 000	35	32
	VINEYARD	JUNIATA	PA	24 000	93 000	12	53
A	RAYSTOWN	RAYSTOWN BR	PA	270 000	109 000	292	166
	WARRIOR RIDGE	JUNIATA	PA	1 000	0	U	27
	HALF FALLS	SUSQUEHANNA	PA	160 000	850 000	80	75
	MUNCY	W BR SUSQUEHANNA	PA	60 000	235 000	NA	38
	CAMMAL	PINE CR	PA	85 000	130 000	300	235
	BLANCHARD	BALD EAGLE CR	PA	10 000	18 700	109	66
	LOCK HAVEN	W BR SUSQUEHANNA	PA	80 000	212 000	18	82
	KETTLE CREEK	KETTLE CR	PA	16 000	30 000	90	150
	FIRST FORK	FIRST FK	PA	18 000	35 500	120	164
	KEATING	W BR SUSQUEHANNA	PA	575 000	550 000	1 100	353
	CURWENSVILLE	W BR SUSQUEHANNA	PA	25 000	47 000	200	138
	FALLS	SUSQUEHANNA	PA	250 000	760 000	1 000	150
	HALLSTEAD	SUSQUEHANNA	PA	12 200	52 000	U	36
				2 446 560	5 096 200		
POTOMAC RIVER BASIN							
	OCOQUAN	OCOQUAN	VA	17 500	47 000	201	165
	CHAIN BRIDGE	POTOMAC	VA	50 000	240 000	NA	50
	BEAR ISLAND #	POTOMAC	MD	50 000	134 000	NA	74
	BEAR ISLAND #	POTOMAC	VA	50 000	134 000	NA	74
	SENECA #	POTOMAC	MD	30 000	150 000	460	61
	SENECA #	POTOMAC	VA	30 000	150 000	460	61
	WEVERTON	POTOMAC	VA	60 000	200 000	U	39
	MILLVILLE REREG	SHENANDOAH	W VA	40 000	70 000	NA	50
	DAM NO 3	POTOMAC	W VA	30 000	80 000	U	35
R	HARPERS FERRY	POTOMAC	W VA	840-	6 100-	U	26
	NO 4 REDEVELOPMENT	POTOMAC	W VA	30 000	80 000	U	35
R	DAM NO 4	POTOMAC	W VA	1 000-	7 500-	U	19

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
POTOMAC RIVER BASIN (CONTINUED)							
R	POTOMAC NO 5 REDEVELOPMENT	POTOMAC	W VA	30 000	80 000	U	45
	DAM NO 5	POTOMAC	W VA	1 120-	7 600-	U	17
R	EDDES FORT	CACAPON	W VA	120 000	68 000	180	225
	CACAPON	CACAPON	W VA	720-	2 000-	U	24
	ORLEANS ‡	POTOMAC	MD	15 000	30 000	U	55
	ORLEANS ‡	POTOMAC	W VA	15 000	30 000	U	55
	SPRINGFIELD	S BR POTOMAC	W VA	60 000	124 000	650	178
	ROYAL GLENN	S BR POTOMAC	W VA	24 000	65 000	228	175
	BLOOMINGTON ‡	N BR POTOMAC	MD	20 000	30 000	92	250
	BLOOMINGTON ‡	N BR POTOMAC	W VA	20 000	30 000	92	250
	MT STORM	STONY	W VA	36 000	50 000	25	796
				723 820	1 768 800		
RAPPAHANNOCK RIVER BASIN							
R	FREDERICKSBURG	RAPPAHANNOCK	VA	22 000	55 000	U	63
	EMBREY	RAPPAHANNOCK	VA	3 150-	21 000-	U	51
	SALEM CHURCH 1/	RAPPAHANNOCK	VA	66 000	151 000	330	156
	SALEM CHURCH 1/	RAPPAHANNOCK	VA	36 000	19 000	NA	176
				120 850	204 000		
YORK RIVER BASIN							
	GOODALL	SOUTH ANNA	VA	5 100	15 000	74	90
	ROCK FALLS	NORTH ANNA	VA	5 900	16 000	U	74
				11 000	31 000		
NORTH ATLANTIC MAJOR DRAINAGE TOTAL				7 902 576	18 745 900		
SOUTH ATLANTIC MAJOR DRAINAGE							
JAMES RIVER BASIN							
R	12TH STREET	JAMES	VA	21 000	103 000	U	28
	TWELFTH STREET	JAMES	VA	8 800-	35 600-	U	22
	BELLE ISLE	JAMES	VA	24 000	129 000	U	37
R	PARK	JAMES	VA	2 100-	12 000-	U	48
R	HOLLYWOOD	JAMES	VA	2 025-	21 400-	U	25
R	BELLE ISLE	JAMES	VA	3 000-	16 000-	U	21
	BOULEVARD	JAMES	VA	21 000	110 000	U	32
R	BYRD PARK	JAMES	VA	1 125-	7 600-	U	19
	BOSHER	JAMES	VA	24 000	126 000	9	32
	PEMBERTON	JAMES	VA	232 000	356 000	1 250	110
	ROCK HOUSE	JAMES	VA	12 000	74 000	U	29
	JOSHUA FALLS	JAMES	VA	16 000	82 000	U	44
	BALCONY FALLS	JAMES	VA	16 000	84 000	U	50
R	BALCONY FALLS	JAMES	VA	1 920-	10 000-	U	15
	MAURY	NORTH	VA	69 000	61 000	196	301
	LYLE	JAMES	VA	10 000	57 000	U	46
	HIPES	CRAIG CR	VA	18 000	27 000	220	143
	GATHRIGHT	JACKSON	VA	34 000	54 700	264	245
				478 030	1 161 100		
ROANOKE RIVER BASIN							
R	SCHOOLFIELD	DAN	VA	76 000	93 000	145	86
	SCHOOLFIELD	DAN	VA	5 300-	15 000-	NA	28
	STUART	SMITH	VA	15 000	40 000	150	118
	RANDOLPH	ROANOKE	VA	50 000	73 000	135	66
	MELROSE	ROANOKE	VA	50 000	146 000	U	106
	TABER	ROANOKE	VA	10 000	41 000	6	37
	LEESVILLE	ROANOKE & PIGG	VA	40 000	60 000	20	75
	SMITH MOUNTAIN	ROANOKE	VA	450 300	400 000	700	195
				686 000	838 000		
MINOR RIVER BASINS							
	SMITHFIELD	NEUSE	N C	9 000	14 300	U	21
	WILSON MILLS	NEUSE	N C	8 500	9 700	U	40
	MILBURNIE	NEUSE	N C	9 500	8 500	10	40
	FALLS	NEUSE	N C	11 000	11 000	22	50
				38 000	43 500		
CAPE FEAR RIVER BASIN							
	SMILEY FLS REREG	CAPE FEAR	N C	20 000	73 000	U	28
	SMILEY FALLS	CAPE FEAR	N C	33 000	120 000	30	55
	LILLINGTON	CAPE FEAR	N C	27 000	95 000	130	45
	LOCKVILLE	DEEP	N C	13 000	38 000	18	49
	NEW HOPE	HAW	N C	10 000	21 900	119	52
	MOORES MILL	HAW	N C	22 400	56 000	U	70
	BYNUM	HAW	N C	30 000	65 000	30	90
R	BYNUM	HAW	N C	600-	1 600-	NA	15
	MANDALE	HAW	N C	22 400	54 000	153	80
				177 200	521 300		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
YADKIN-PEEDEE RIVER BASIN							
A	MORVEN	PEE DEE	N C	57 000	125 000	U	40
	CRUMPS FORD	ROCKY	N C	79 000	90 000	220	135
	NANCES FORD	ROCKY	N C	5 200	19 400	17	68
	LOVES FORD	ROCKY	N C	11 500	36 000	124	108
	YADKIN NARROWS	YADKIN	N C	49 500	254 000	129	177
	COOLEEMEE	SOUTH YADKIN	N C	15 100	22 500	427	86
	JUNCTION	YADKIN	N C	69 000	91 000	220	61
	STYERS	YADKIN	N C	54 000	76 000	185	65
	UPPER DONNAHA	YADKIN	N C	90 000	131 000	220	124
	ELKIN	YADKIN	N C	17 400	44 000	122	73
				447 700	888 900		
SANTEE RIVER BASIN							
A	PINOPOLIS	SANTEE&COOPER	S C	30 600	30 000	1 100	70
	BUCKINGHAM LNDING	SANTEE	S C	85 000	500 000	1 310	55
A	ROCKY CREEK	CATAWBA	S C	6 000	2 400	U	58
	EBB LAKE	CATAWBA	S C	75 000	NA	NA	NA
	COURTNEY ISLAND	CATAWBA	S C	87 000	112 000	24	56
	SUGAR CREEK	CATAWBA	S C	25 000	55 000	7	32
	LINCOLNTON	SOUTH FORK	N C	7 500	10 000	246	83
R	LINCOLN PLANT	SOUTH FORK	N C	150-	1 200	NA	NA
A	COWANS FORD	CATAWBA	N C	87 500	0	415	112
	MORGANTON	CATAWBA	N C	26 900	52 000	330	70
	REREGULATOR	CONGAREE	S C	30 000	180 000	U	40
R	COLUMBIA	BROAD	S C	10 600-	50 500-	U	32
	FROST SHOALS	BROAD	S C	150 000	191 000	105	77
	BURNT FACTORY	TIGER	S C	8 100	31 000	46	90
	NESBIT	TIGER	S C	7 000	26 000	45	98
	BLAIRS	BROAD	S C	184 000	209 000	540	80
R	NEAL SHOALS	BROAD	S C	5 200-	30 000-	NA	25
	GREATER LOCKHART	BROAD	S C	179 000	188 000	1 090	116
R	99 ISLANDS	BROAD	S C	18 000-	56 000-	U	68
	GREATER CHEROKEE	BROAD	S C	12 000	50 000	U	36
	CHEROKEE FALLS	BROAD	S C	1 817-	6 500-	U	17
	GR GASTON SHOALS	BROAD	S C	128 000	158 000	260	134
R	GASTON SHOALS	BROAD	S C	9 140-	36 000-	U	46
	CLINCHFIELD	BROAD	N C	59 000	70 000	390	140
	FOSTER	GREEN	N C	10 000	21 000	14	115
	SALUDA	GREEN	N C	50 000	100 000	9	687
A	SALUDA	SALUDA	S C	65 000	0	1 613	189
				1 267 693	1 805 200		
EDISTO RIVER BASIN							
	WALTERBORO	EDISTO	S C	15 000	84 000	123	80
				15 000	84 000		
SAVANNAH RIVER BASIN							
	STOKES BLUFF #	SAVANNAH	GA	30 000	99 000	100	33
	STOKES BLUFF #	SAVANNAH	S C	30 000	98 000	100	33
	BURTONS LANDING #	SAVANNAH	GA	50 000	172 000	90	48
	BURTONS LANDING #	SAVANNAH	S C	50 000	173 000	90	48
	ANTHONY SHOALS	BROAD	GA	100 000	61 500	113	70
	TALLOW HILL	BROAD	GA	172 000	113 000	560	190
	TROTTERS SHOALS	SAVANNAH	S C	310 000	471 400	57	168
A	HARTWELL	SAVANNAH	GA	66 000	0	1 415	192
	NEWRY-OLD PICKENS	KEOWEE	S C	150 000	94 000	542	140
	JOCASSEE	KEOWEE	S C	150 000	77 000	182	300
	HORSEPASTURE	HORSEPASTURE	N C	58 000	88 000	12	1 860
	LOWER WHITEWATER	WHITEWATER	S C	22 000	32 000	2 000	NA
	UPPER WHITEWATER	WHITEWATER	N C	16 600	18 000	NA	NA
	CAMP CREEK	CHATTOOGA	S C	100 000	75 000	5	180
	ROGUES FORD	CHATTOOGA	S C	120 000	77 500	5	246
	SAND BOTTOM	CHATTOOGA	GA	66 000	43 000	U	141
	WAR WOMAN	CHATTOOGA	S C	80 000	50 300	83	182
	CHATTOOGA	CHATTOOGA	GA	44 000	54 000	NA	NA
				1 614 600	1 796 700		
ALTAMAHA RIVER BASIN							
	GOOSE CREEK	ALTAMAHA	GA	180 000	275 000	330	45
	CYPRESS BRANCH	OCONEE	GA	15 000	118 000	25	29
	ROCKLEDGE	OCONEE	GA	18 000	136 000	25	37
	DUBLIN	OCONEE	GA	18 000	131 000	25	37
	TOOMSBORO	OCONEE	GA	14 000	101 000	45	36
	MURDER CREEK	MURDER CR	GA	60 000	126 000	205	131
	LAURENS SHOALS	OCONEE	GA	150 000	120 000	608	115
	BARNETT SHOALS	OCONEE	GA	10 000	38 000	U	68
R	BARNETT SHOALS	OCONEE	GA	2 800-	15 000-	U	50
	COOPERS FERRY	OCMULGEE	GA	50 000	129 000	335	49
	ABBEVILLE	OCMULGEE	GA	50 000	126 000	699	65
	PEACHSTONE	SOUTH	GA	13 000	21 000	107	66
				575 200	1 306 000		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
	MINOR RIVER BASINS SATILLA-ST MARYS MACCLENNY	ST MARYS DIV ST MARYS	GA FLA	100 000 37 000 137 000	133 000 23 000 156 000	1 550 520	51 61
SOUTH ATLANTIC MAJOR DRAINAGE TOTAL				5 436 423	8 600 700		
EASTERN GULF MAJOR DRAINAGE							
APALACHICOLA RIVER BASIN							
E	JIM WOODRUFF	APALACHICOLA	FLA	0	6 000	36	32
E	WALTER F GEORGE	CHATTAAHOOCHEE	GA	0	7 000	207	87
	COLUMBUS	CHATTAAHOOCHEE	GA	30 000	130 000	NA	33
R	COLUMBUS	CHATTAAHOOCHEE	GA	4 100-	25 000-	NA	26
R	COLUMBUS	CHATTAAHOOCHEE	GA	180-	300-	NA	10
	NEW RIVERVIEW	CHATTAAHOOCHEE	GA	65 000	115 000	NA	39
R	RIVERVIEW	CHATTAAHOOCHEE	GA	480-	3 600-	U	15
R	LANGDALE	CHATTAAHOOCHEE	GA	1 040-	7 000-	U	16
	WEST POINT	CHATTAAHOOCHEE	GA	107 000	191 000	85	69
	FRANKLIN	CHATTAAHOOCHEE	GA	50 000	108 000	20	50
	CEDAR CREEK	CHATTAAHOOCHEE	GA	50 000	101 000	134	60
	VININGS	CHATTAAHOOCHEE	GA	18 200	53 000	U	43
R	MORGAN FALLS	CHATTAAHOOCHEE	GA	60 000	160 000	94	117
	MORGAN FALLS	CHATTAAHOOCHEE	GA	16 800-	68 000-	U	46
	NEW BRIDGE	CHESTATEE	GA	50 000	34 000	180	156
	MUD CREEK	CHATTAAHOOCHEE	GA	36 000	48 000	88	130
	IRWINS BRIDGE	SOQUE	GA	20 000	15 000	31	103
	LOWER VADA	FLINT	GA	28 000	167 000	11	49
A	FLINT RIVER	FLINT	GA	1 800	11 000	U	27
	ABRAMS CREEK	FLINT	GA	11 800	41 000	800	20
	MOUNTAIN CREEK	FLINT	GA	42 000	60 000	8	36
	MIONA	FLINT	GA	39 000	63 000	22	48
	LOWER AUCHUMPKEE	FLINT	GA	81 000	122 800	135	97
	LAZER CREEK	FLINT	GA	87 000	121 600	88	126
	SPEWRELL BLUFF	FLINT	GA	100 000 854 200	133 100 1 583 600	322	154
MINOR RIVER BASINS							
	CRESTVIEW	YELLOW	FLA	47 000 47 000	53 000 53 000	420	90
TOMBIGBEE RIVER BASIN							
	DEMOPOLIS	TOMBIGBEE	ALA	35 000	150 000	1 050	38
	WILLIAM B OLIVER	WARRIOR	ALA	16 000	103 000	U	30
	NORTH RIVER	NORTH	ALA	14 000	51 000	500	146
	HOLT LOCK AND DAM	BLACK WARRIOR	ALA	40 050	120 000	U	54
	SAYRE	LOCUST FK	ALA	30 800	37 000	U	49
	SMITHS FORD	LOCUST FK	ALA	115 200	84 300	508	183
	AUSTIN CREEK	LOCUST FK	ALA	7 300	25 000	U	93
	UPPER	LOCUST FK	ALA	20 000	40 000	393	154
	DORSEY CREEK	MULBERRY FK	ALA	63 000 341 350	61 000 671 300	420	135
ALABAMA-COOSA RIVER BASIN							
	MILLERS FERRY	ALABAMA	ALA	76 000	429 000	22	49
	JONES BLUFF	ALABAMA	ALA	68 000	335 000	15	45
	BRIDGEVIEW	TALLAPOOSA	ALA	105 000	130 000	U	35
	WALLAHATCHIE	TALLAPOOSA	ALA	89 000	97 000	U	40
A	YATES	TALLAPOOSA	ALA	30 000	0	9	55
	MARTIN DAM	TALLAPOOSA	ALA	171 000	42 000	1 375	145
	EMUCKFAW	TALLAPOOSA	ALA	181 000	196 000	284	121
	MALONE FERRY	TALLAPOOSA	ALA	25 600	27 000	U	28
	CROOKED CREEK	TALLAPOOSA	ALA	139 000	148 000	161	130
	OAKFUSKEE	TALLAPOOSA	ALA	46 000	45 500	620	100
	JORDAN NO 2	COOSA	ALA	225 000	880 000	55	127
A	JORDAN NO 1	COOSA	ALA	25 000	390 000	44	89
A	MITCHELL	COOSA	ALA	65 000	136 000	33	66
	HATCHET CREEK	HATCHET CR	ALA	17 000	40 000	405	158
A	LAY DAM	COOSA	ALA	96 000	210 000	37	69
	LOGAN MARTIN	COOSA	ALA	128 250	394 000	74	68
	LOCK NO 3	COOSA	ALA	72 900	207 000	U	40
	LITTLE RIVER	LITTLE	ALA	14 500	46 000	33	440
	KINGSTON	ETOWAH	GA	69 000	74 000	83	70
A	ALLATOONA	ETOWAH	GA	36 000	0	285	146
	CANYON	ETOWAH	GA	11 400	42 000	U	67

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
ALABAMA-COOSA RIVER BASIN (CONTINUED)							
GILMER	ETOWAH	GA		69 000	60 000	370	160
ARMUCHEE	OOSTANAULA	GA		24 000	99 000	345	60
CARTERS DAM	COOSAWATTEE	GA		250 000	174 200	156	404
CARTECAY	CARTECAY	GA		10 500	29 000	160	201
TILTON	CONASAUGA	GA		10 000	41 000	430	65
JACKS RIVER	CONASAUGA	TENN		5 800	16 700	98	190
				2 059 950	3 508 400		
MINOR RIVER BASINS							
WAYNESBORO	CHICKASAWHAY	MISS		32 000	74 000	474	74
CHUNKY CREEK	CHUNKY CR	MISS		8 800	21 800	158	65
LOWER STRONG	STRONG	MISS		11 900	21 400	220	68
D LO	STRONG	MISS		9 400	18 300	313	90
EDINBURG	PEARL	MISS		8 000	22 000	450	55
				70 100	157 500		
EASTERN GULF MAJOR DRAINAGE TOTAL				3 372 600	5 973 800		
WESTERN GULF MAJOR DRAINAGE							
MINOR RIVER BASINS							
TOLEDO BEND	SABINE	TEXAS		80 750	205 200	1 554	73
DAM B	NECHES	TEXAS		2 935	22 500	13	24
SAM RAYBURN	ANGELINA	TEXAS		52 000	118 400	1 383	72
PONTA RES NO 1	ANGELINA	TEXAS		17 000	23 200	NA	45
DAM A	NECHES	TEXAS		2 700	10 700	NA	13
ROCKLAND	NECHES	TEXAS		13 500	62 300	1 488	61
TENNESSEE COLONY	TRINITY	TEXAS		22 000	42 000	569	43
				190 885	484 300		
BRAZOS RIVER BASIN							
BELTON	LEON	TEXAS		19 000	30 000	399	110
BEE MOUNTAIN	BRAZOS	TEXAS		63 400	55 000	10	89
DE CORDOVA BEND	BRAZOS	TEXAS		61 600	55 000	6	79
HIGHTOWER	BRAZOS	TEXAS		37 800	42 000	U	62
INSPIRATION POINT	BRAZOS	TEXAS		46 300	42 000	10	66
TURKEY CREEK	BRAZOS	TEXAS		42 600	39 000	27	64
MORRIS SHEPPARD	BRAZOS	TEXAS		11 250	11 000	376	126
				281 950	274 000		
COLORADO RIVER OF TEXAS BASIN							
ALTAIR	COLORADO	TEXAS		10 000	40 000	9	16
COLUMBUS	COLORADO	TEXAS		30 000	66 000	180	58
WEST POINT	COLORADO	TEXAS		15 000	60 000	NA	80
LOWER AUSTIN	COLORADO	TEXAS		15 000	60 000	NA	94
HANNA	COLORADO	TEXAS		20 000	49 000	300	105
WINCHELL	COLORADO	TEXAS		24 000	48 000	558	129
STACY	COLORADO	TEXAS		15 000	37 000	700	150
				129 000	360 000		
MINOR RIVER BASINS							
GONZALES	SAN MARCOS	TEXAS		8 000	8 000	101	52
G B 6	GUADALUPE	TEXAS		5 000	11 000	U	38
G B 5	GUADALUPE	TEXAS		5 000	11 000	U	45
G B 4	GUADALUPE	TEXAS		5 000	10 000	U	35
RETENTION NO 2	GUADALUPE	TEXAS		5 000	11 000	U	53
CANYON	GUADALUPE	TEXAS		20 800	8 400	366	153
OAKVILLE	NUECES	TEXAS		7 500	28 000	1 256	83
				56 300	87 400		
RIO GRANDE RIVER BASIN							
FALCON	RIO GRANDE	TEXAS		10 500	0	2 412	115
PALAFOX	RIO GRANDE	TEXAS		22 500	93 000	2 000	66
AMISTAD	RIO GRANDE	TEXAS		80 000	156 000	3 490	213
LAKE WALK	DEVILS	TEXAS		1 350	5 100	U	35
DEVILS LAKE	DEVILS	TEXAS		1 800	6 000	5	45
PECOS NO 1	PECOS	TEXAS		38 500	29 000	5	123
PECOS NO 2	PECOS	TEXAS		29 100	27 000	U	124
PECOS NO 3	PECOS	TEXAS		23 100	21 000	7	100
PECOS NO 4	PECOS	TEXAS		38 200	34 000	190	144
ALAMOGORDO	PECOS	N MEX		7 000	17 000	199	140
AQUA VERDE	RIO GRANDE	TEXAS		45 000	150 000	2 000	365
CABALLO	RIO GRANDE	N MEX		10 000	24 000	NA	74
WHITE ROCK	RIO GRANDE	N MEX		30 000	160 000	400	210

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
RIO GRANDE RIVER BASIN (CONTINUED)							
	CHAMITA	RIO CHAMA	N MEX	15 000	75 000	765	195
	PLANT NO 3	RIO CHAMA	N MEX	15 000	71 000	77	130
	PLANT NO 2	RIO CHAMA	N MEX	15 000	69 000	34	130
	PLANT NO 1	RIO CHAMA	N MEX	15 000	67 000	46	130
	EL VADO	RIO CHAMA	N MEX	15 000	85 000	135	176
	WILLOW CREEK NO 4	WILLOW CR	N MEX	11 500	78 000	199	210
	WILLOW CREEK NO 3	WILLOW CR	N MEX	8 000	58 000	124	151
	WILLOW CREEK NO 1	WILLOW CR	N MEX	5 700	24 000	U	90
	COUNSELLOR	RIO CONEJOS	COLO	5 800	21 000	105	135
	GERRARD	RIO GRANDE	COLO	25 000	78 000	450	197
	WAGON WHEEL GAP	RIO GRANDE	COLO	20 000	59 000	300	195
	SANTA MARIA OUTLT	CLEAR CR	COLO	8 000	33 000	42	700
	RIO GRANDE	RIO GRANDE	COLO	6 200	26 800	50	454
				495 950	1 435 700		
WESTERN GULF MAJOR DRAINAGE TOTAL				1 154 085	2 641 400		
LOWER MISSISSIPPI MAJOR DRAINAGE							
RED RIVER VALLEY							
	COLUMBIA	OUACHITA	LA	20 000	100 000	U	22
	FELSENTHAL	OUACHITA	ARK	11 000	31 000	U	13
	CALION	OUACHITA	ARK	11 000	31 000	U	12
	BENTON	SALINE	ARK	22 000	41 000	386	100
A	NARROWS	LITTLE MISSOURI	ARK	8 500	700	202	145
	ROCKPORT	OUACHITA	ARK	8 000	28 000	U	22
A	REMMEL	OUACHITA	ARK	6 600	6 500	21	49
A	CARPENTER	OUACHITA	ARK	28 000	2 000	120	95
	DEGRAY	CADDO	ARK	40 000	58 900	393	188
	TEXARKANA	SULPHUR	TEXAS	5 500	17 700	472	41
	DIVERSION DAM	RED	ARK	10 000	80 000	U	20
	DIERKS	SALINE	ARK	15 000	14 600	197	144
	GILLHAM	COSSATOT	ARK	45 000	59 000	433	194
	DE QUEEN	ROLLING FK	ARK	15 000	20 500	147	120
	BROKEN BOW	MOUNTAIN FK	OKLA	100 000	129 000	470	194
	SHERWOOD	MOUNTAIN FK	OKLA	50 000	88 000	391	147
	PINE CREEK	LITTLE	OKLA	86 000	58 000	571	118
	LUKFATA NO 1	GLOVER CR	OKLA	30 000	43 000	390	180
	LOCK AND DAM 1 *	RED	ARK	5 000	30 000	U	20
	LOCK AND DAM 1 *	RED	TEXAS	5 000	30 000	U	20
	LOCK AND DAM 2 *	RED	ARK	5 000	30 000	U	20
	LOCK AND DAM 2 *	RED	TEXAS	5 000	30 000	U	20
	LOCK AND DAM 3 *	RED	ARK	5 000	30 000	U	20
	LOCK AND DAM 3 *	RED	TEXAS	5 000	30 000	U	20
	LOCK AND DAM 4 *	RED	OKLA	5 000	30 000	U	20
	LOCK AND DAM 4 *	RED	TEXAS	5 000	30 000	U	20
	LOCK AND DAM 5 *	RED	OKLA	5 000	30 000	U	20
	LOCK AND DAM 5 *	RED	TEXAS	5 000	30 000	U	20
	LOCK AND DAM 6 *	RED	OKLA	5 000	30 000	U	20
	LOCK AND DAM 6 *	RED	TEXAS	5 000	30 000	U	20
	LOCK AND DAM 7 *	RED	OKLA	5 000	30 000	U	20
	LOCK AND DAM 7 *	RED	TEXAS	5 000	30 000	U	20
	HUGO	KIAMICHI	OKLA	8 100	35 000	227	46
	LOCK AND DAM 8 *	RED	OKLA	5 000	30 000	U	20
	LOCK AND DAM 8 *	RED	TEXAS	5 000	30 000	U	20
	LOCK AND DAM 9 *	RED	OKLA	5 000	30 000	U	20
	LOCK AND DAM 9 *	RED	TEXAS	5 000	30 000	U	20
	BOSWELL	BOGGY CREEK	OKLA	7 600	52 800	1 914	81
	LOCK AND DAM 10 *	RED	OKLA	5 000	30 000	U	20
	LOCK AND DAM 10 *	RED	TEXAS	5 000	30 000	U	20
	LOCK AND DAM 11 *	RED	OKLA	5 000	30 000	U	20
	LOCK AND DAM 11 *	RED	TEXAS	5 000	30 000	U	20
	DURANT	BLUE	OKLA	8 400	12 100	110	59
	LOCK AND DAM 12 *	RED	OKLA	5 000	30 000	U	20
	LOCK AND DAM 12 *	RED	TEXAS	5 000	30 000	U	20
A	DENISON	RED	TEXAS	105 000	70 000	1 730	108
	DURWOOD	WASHITA	OKLA	20 000	51 000	306	79
	DOUGHERTY	WASHITA	OKLA	25 000	63 000	287	101
	GAINESVILLE *	RED	OKLA	50 000	82 000	1 982	114
	GAINESVILLE *	RED	TEXAS	50 000	82 000	1 982	114
				905 700	1 976 800		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.	
NAME OF PROJECT OR SITE								
A	BIG BLACK RIVER BASIN EDWARDS	BIG BLACK	MISS	52 300 52 300	140 000 140 000	2 800	92	
	YAZOO RIVER BASIN GRENADA ARKABUTLA SARDIS	YALOBUSHA COLDWATER TALLAHATCHIE	MISS MISS MISS	5 000 12 000 15 000 52 000	19 000 42 000 60 000 121 000	50 373 787	30 58 73	
	ARKANSAS RIVER BASIN NIMROD DARDANELLE OZARK ROBERT S KERR EUFULA CHEWEY WEBBERS FALLS FORT GIBSON MARKHAM FERRY OOLOGAH KEYSTONE KAW PUEBLO CANON CITY GRAPE CREEK BADGER WELLSVILLE SALIDA PANCHO PRINCETON WAPACO OTERO ELBERT	FOURCHE LA FAVE ARKANSAS ARKANSAS ARKANSAS CANADIAN ILLINOIS ARKANSAS GRAND GRAND VERDIGRIS ARKANSAS ARKANSAS ARKANSAS ARKANSAS CANON CITY GRAPE CREEK CANAL CANAL ARKANSAS CANAL ARKANSAS CANAL ARKANSAS CANAL ARKANSAS CANAL ARKANSAS CANAL ARKANSAS CANAL	ARK ARK ARK OKLA	14 000 124 000 70 000 110 000 90 000 42 000 44 000 22 500 110 000 12 000 70 000 25 000 12 000 7 200 68 000 60 000 41 500 28 000 18 500 14 400 20 600 19 800 10 600 1 034 100	23 000 613 000 352 000 459 000 317 000 63 000 200 700 27 000 190 000 57 000 228 000 113 000 29 200 43 000 252 000 204 000 144 000 95 000 64 300 63 700 117 700 62 900 36 400 3 754 900	205 70 19 80 1 481 567 NA U 200 431 351 162 290 U U U U U U U 260 105	63 49 33 40 98 141 30 65 68 87 95 154 125 665 590 410 405 268 281 495 287 515	
	WHITE RIVER BASIN JUDSONIA GREERS FERRY BELL FOLEY HARDY WATER VALLEY DONIPHAN BLAIR CREEK CLEARWATER WOLF BAYOU NORFORK LONE ROCK GILBERT BUFFALO CITY COTTER OZARK BEACH TABLE ROCK GALENA GRANDVIEW BEAVER	LITTLE RED LITTLE RED STRAWBERRY SPRING ELEVEN POINT CURRENT CURRENT BLACK WHITE NORTH FORK BUFFALO FK BUFFALO FK WHITE WHITE WHITE JAMES KINGS WHITE	ARK ARK ARK ARK ARK MO MO MO ARK ARK ARK ARK ARK ARK MO MO MO MO ARK ARK	20 000 96 000 10 000 52 000 34 000 60 000 60 000 28 000 210 000 70 000 90 000 60 000 40 000 40 000 8 000 0 54 400 38 000 112 000 1 082 400	80 000 189 000 16 000 79 000 90 000 155 000 142 000 47 000 837 000 24 000 162 000 95 000 130 000 127 000 10 000 2 000 57 000 55 000 164 000 2 461 000	25 716 160 307 388 99 1 030 145 308 448 169 483 U U 9 1 182 437 327 925	71 185 80 126 127 100 174 104 127 175 176 173 37 38 54 204 137 159 190	
	ST FRANCIS RIVER BASIN WAPPAPPELLO ROWLAND CHURCH MARBLE CREEK	ST FRANCIS ST FRANCIS ST FRANCIS	MO MO MO	7 500 35 000 30 000 72 500	21 000 51 000 47 000 119 000	14 82 235	32 98 116	
	MERAMEC RIVER BASIN UNION MERAMEC PARK	BOURBEUSE MERAMEC	MO MO	8 000 60 000 68 000	25 000 246 000 271 000	161 50	85 240	
	LOWER MISSISSIPPI MAJOR DRAINAGE TOTAL				3 247 000	9 843 700		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
<u>UPPER MISSISSIPPI MAJOR DRAINAGE</u>							
ILLINOIS RIVER BASIN							
STARVED ROCK		ILLINOIS	ILL	12 000	60 000	U	18
WEDRON		FOX	ILL	8 000	48 000	95	68
MARSEILLES		ILLINOIS	ILL	11 000	60 000	U	24
DRESDEN ISLAND		ILLINOIS	ILL	12 000	62 000	U	20
BRANDON ROAD		DES PLAINES	ILL	13 000	70 000	U	34
OLD STATE DAM		KANKAKEE	ILL	6 600	31 000	U	20
CUSTER PARK		KANKAKEE	ILL	15 000	85 000	58	58
				77 600	416 000		
MINOR RIVER BASIN							
JOANNA		SALT	MO	27 000	62 400	437	107
				27 000	62 400		
DES MOINES RIVER BASIN							
BELFAST		DES MOINES	IOWA	17 200	81 000	U	46
BENTONSPORT		DES MOINES	IOWA	8 100	34 000	U	22
KILBOURNE		DES MOINES	IOWA	7 200	30 000	U	20
RED ROCK		DES MOINES	IOWA	17 200	103 600	400	53
				49 700	248 600		
A	MISSISSIPPI MAIN STREAM						
	KEOKUK		MISSISSIPPI	33 600	0	128	12
				33 600	0		
IOWA RIVER BASIN							
MUSCATINE		CEDAR CR DIV	IOWA	25 000	100 000	72	105
ROCHESTER		CEDAR	IOWA	28 000	85 000	220	55
CEDAR RAPIDS		CEDAR	IOWA	9 600	44 000	170	45
A	PROJECT NO 13 A		CEDAR	11 200	40 000	U	38
	CEDAR FALLS		CEDAR	25 000	70 000	NA	11
				98 800	339 000		
ROCK RIVER BASIN							
BARSTOW		ROCK	ILL	12 500	61 000	464	28
GRAND DETOUR		ROCK	ILL	9 300	52 000	U	24
BYRON		ROCK	ILL	6 800	37 000	U	19
				28 600	150 000		
A	MISSISSIPPI MAIN STREAM						
	ROCK ISLAND		MISSISSIPPI	10 000	80 000	NA	16
				10 000	80 000		
WISCONSIN RIVER BASIN							
BRIDGEPORT		WISCONSIN	WIS	14 700	96 000	NA	25
BOSCOBEL		WISCONSIN	WIS	16 500	107 000	NA	29
MUSCODA		WISCONSIN	WIS	10 400	65 000	NA	20
LONE ROCK		WISCONSIN	WIS	14 200	90 000	NA	28
A	HONEY CREEK		WISCONSIN	5 100	32 000	NA	12
	CENTRALIA		WISCONSIN	800	4 000	NA	15
TRAPPE RAPIDS		WISCONSIN	WIS	5 600	28 000	NA	24
				67 300	422 000		
MINOR RIVER BASINS							
A	BLACK RIVER NO 1		BLACK	7 600	26 000	U	40
	ROCHESTER		ZUMBRO	2 160	4 000	24	57
			MINN	9 760	30 000		
CHIPPEWA RIVER BASIN							
A	DURAND NO 1		CHIPPEWA	15 000	74 500	NA	26
	DURAND NO 2		CHIPPEWA	60 000	177 000	NA	42
	JIM FALLS		CHIPPEWA	4 800	17 200	U	54
				79 800	268 700		
MINOR RIVER BASINS							
LITTLE FALLS 2/		WILLOW	WIS	300-	700-	U	27
NEVERS #		ST CROIX	MINN	10 000	40 000	55	45
NEVERS #		ST CROIX	WIS	10 000	40 000	55	45
KETTLE RIVER RPDS #		ST CROIX	MINN	13 750	60 000	141	78
KETTLE RIVER RPDS #		ST CROIX	WIS	13 750	60 000	141	78
				47 200	199 300		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
A	MISSISSIPPI MAIN STREAM						
	BAILEY	MISSISSIPPI	MINN	11 200	59 000	NA	29
	MONTICELLO	MISSISSIPPI	MINN	11 200	60 000	NA	30
	CLEARWATER	MISSISSIPPI	MINN	11 200	59 000	NA	29
	BLANCHARD	MISSISSIPPI	MINN	6 000	20 900	U	45
R	BRAINERD	MISSISSIPPI	MINN	11 500	60 000	NA	38
	BRAINERD	MISSISSIPPI	MINN	<u>2 800</u> 48 300	<u>15 000</u> 243 900	NA	20
UPPER MISSISSIPPI MAJOR DRAINAGE TOTAL				<u>577 660</u>	<u>2 459 900</u>		
OHIO MAJOR DRAINAGE							
OHIO MAIN STREAM							
	MOUND CITY #	OHIO	ILL	50 000	250 000	NA	33
	MOUND CITY #	OHIO	KY	<u>50 000</u> 100 000	<u>250 000</u> 500 000	NA	33
TENNESSEE RIVER BASIN							
A	WILSON	TENNESSEE	ALA	32 000	35 000	U	96
	SUGAR CREEK	ELK	ALA	100 000	140 000	325	85
A	GUNTERSVILLE	TENNESSEE	ALA	24 300	50 000	U	43
	NICKAJACK	TENNESSEE	TENN	97 200	666 000	21	41
R	HALES BAR	TENNESSEE	TENN	99 700	555 000	12	41
A	CHICKAMAUGA	TENNESSEE	TENN	27 000	30 000	U	41
A	OCOEE NO 1	OCOEE	TENN	40 000	15 000	33	117
	AUSTRAL	HIWASSEE	TENN	70 000	170 000	87	121
	NEMO	OBED	TENN	80 000	190 000	170	366
	MELTON HILL	CLINCH	TENN	72 000	167 000	26	60
	TELLICO	LITTLE TENNESSEE	TENN	135 000	228 000	93	78
A	HIGHLANDS	CULLASAJA CR	N C	400	1 800	U	220
	NOLICHUCKY	NOLICHUCKY	TENN	40 000	135 000	1 250	115
	ELK SHOAL	CANE CREEK	N C	10 000	29 000	38	410
	ERWIN	NOLICHUCKY	TENN	65 000	160 000	497	268
	HARTFORD	PIGEON	TENN	20 000	110 000	U	237
	FINES CREEK	PIGEON	N C	60 000	115 000	335	302
	SURGOINSVILLE	HOLSTON	TENN	<u>72 000</u> 845 200	<u>172 000</u> 1 858 800	35	75
CUMBERLAND RIVER-BASIN							
	BARKLEY	CUMBERLAND	KY	130 000	582 200	U	52
	THREE ISLANDS	HARPETH	TENN	18 000	45 000	152	89
	J PERCY PRIEST	STONES	TENN	28 000	70 000	34	98
	CORDELL HULL	CUMBERLAND	TENN	92 000	350 000	32	55
	CELINA	CUMBERLAND	KY	69 000	227 000	10	50
	DEVILS JUMPS	BIG SOUTH FK	KY	480 000	475 000	1 650	457
	ROCKCASTLE	ROCKCASTLE	KY	48 000	44 000	90	142
	PARKER BRANCH	ROCKCASTLE	KY	22 000	17 000	164	133
	LAUREL	LAUREL	KY	50 000	56 000	195	258
	CUMBERLAND FALLS	CUMBERLAND	KY	100 000	185 000	U	150
	JELlico CREEK	JELlico CREEK	KY	<u>42 333</u> 1 079 333	<u>22 000</u> 2 073 200	389	195
OHIO MAIN STREAM							
	DOG ISLAND #	OHIO	ILL	30 000	160 000	NA	19
	DOG ISLAND #	OHIO	KY	<u>30 000</u> 60 000	<u>160 000</u> 320 000	NA	19
WABASH RIVER BASIN							
	PETERSBURG	WHITE	IND	25 000	130 000	U	28
	LOST RIVER	E FK WHITE	IND	15 000	70 000	U	28
	SHOALS	IND	IND	30 000	110 000	151	57
	SPENCER	W FK WHITE	IND	15 000	60 000	86	54
	CLINTON	WABASH	IND	75 000	225 000	250	62
	DANVILLE	VERMILLION	ILL	10 000	25 000	110	60
	DELPHI	WABASH	IND	<u>75 000</u> 245 000	<u>160 000</u> 780 000	248	74
OHIO MAIN STREAM							
	UNIONTOWN #	OHIO	IND	30 000	160 000	NA	18
	UNIONTOWN #	OHIO	KY	<u>30 000</u> 60 000	<u>160 000</u> 320 000	NA	18
GREEN RIVER BASIN							
	ROCHESTER	GREEN	KY	30 000	120 000	280	38
	BARREN NO 2	BARREN	KY	50 000	105 000	653	130
	NOLIN RIVER RES	NOLIN	KY	<u>22 000</u> 102 000	<u>59 000</u> 284 000	300	133

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
OHIO MAIN STREAM NEWBURGH CANNELTON	OHIO OHIO	IND KY	50 000 70 000 120 000	170 000 380 000 550 000	U U	16 26
SALT RIVER BASIN ROLLING FORK RES	SALT	KY	5 000 5 000	30 000 30 000	90	70
A OHIO MAIN STREAM OHIO FALLS	OHIO	KY	19 200 19 200	100 000 100 000	NA	33
KENTUCKY RIVER BASIN LOCK NO 3 BOONEVILLE FINCASTLE RES	KENTUCKY S FK KENTUCKY N FK KENTUCKY	KY KY KY	9 400 7 300 14 400 31 100	53 000 42 000 45 000 140 000	U 258 81	25 140 70
OHIO MAIN STREAM MARKLAND	OHIO	IND	81 000 81 000	450 000 450 000	17	35
MINOR RIVER BASINS POOLS CREEK BOSTON STATION FALMOUTH EAST FORK OREGONIA	LICKING LICKING LICKING E FK LIT MIAMI LITTLE MIAMI	KY KY KY OHIO OHIO	30 000 22 500 180 000 10 000 5 000 247 500	79 000 56 000 255 000 32 000 15 000 437 000	64 38 365 164 25	50 40 133 170 55
OHIO MAIN STREAM MELDAHL # MELDAHL # GREENUP # GREENUP # GALLIPOLIS L & D	OHIO OHIO OHIO OHIO OHIO	KY OHIO KY OHIO OHIO	35 000 35 000 35 000 35 000 40 000 180 000	175 000 175 000 170 000 170 000 120 000 810 000	U U U U U	30 30 30 30 23
KANAWHA RIVER BASIN SWISS CARNIFEX MEADOW RIVER SUMMERSVILLE GAULEY MILLS THURMOND SANDSTONE BLUESTONE FOSTER FALLS FRIES JUNCTION FRIES LOWER DAM UPPER DAM HALSEY	GAULEY GAULEY MEADOW GAULEY GAULEY NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW	W VA W VA W VA W VA W VA W VA W VA VA VA VA VA VA VA VA N C	20 000 220 000 70 000 90 000 40 000 200 000 240 000 180 000 20 000 15 000 3 050- 20 000 40 000 25 000 1 176 950	110 000 640 000 250 000 430 000 110 000 1 000 000 1 220 000 520 000 140 000 105 000 16 000- 90 000 280 000 90 000 4 969 000	NA 17 200 163 265 U U 170 NA NA NA NA NA 200	100 490 680 370 400 240 290 125 50 60 40 NA NA 164
OHIO MAIN STREAM RACINE # RACINE # BELLEVILLE # BELLEVILLE # WILLOW ISLAND # WILLOW ISLAND # HANNIBAL # HANNIBAL # PIKE ISLAND # PIKE ISLAND # NEW CUMBERLAND # NEW CUMBERLAND # MONTGOMERY	OHIO OHIO OHIO OHIO OHIO OHIO OHIO OHIO OHIO OHIO OHIO OHIO OHIO	OHIO W VA OHIO W VA OHIO W VA OHIO W VA OHIO W VA OHIO W VA PA	22 500 22 500 22 500 22 500 22 500 22 500 22 500 22 500 22 500 16 000 16 000 16 000 30 000 274 000	125 000 125 000 125 000 125 000 115 000 115 000 120 000 120 000 100 000 100 000 100 000 100 000 190 000 1 560 000	U U U U U U U U U U U U U	22 22 22 22 20 20 21 21 21 20 20 20 23
BEAVER RIVER BASIN DAM NO 1 DAM NO 2 DAM NO 3 DAM NO 4	CONNOQUENESSING SLIPPERY ROCK CR SLIPPERY ROCK CR SLIPPERY ROCK CR	PA PA PA PA	45 000 13 000 25 000 17 000 100 000	59 000 20 000 35 000 26 000 140 000	25 U U NA	95 70 120 90

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
A	OHIO MAIN STREAM EMSWORTH	OHIO	PA	22 000 22 000	87 000 87 000	U	23
	MONOGAHELA RIVER BASIN						
	DAM C	YOUGHIOGHENY	PA	15 000	49 000	NA	50
	DAM B	YOUGHIOGHENY	PA	25 000	80 000	NA	85
	DAM A	YOUGHIOGHENY	PA	25 000	80 000	NA	85
	YOUGHIOGHENY	YOUGHIOGHENY	PA	24 000	76 000	100	126
	SANG RUN	YOUGHIOGHENY	MD	48 000	153 000	U	560
	BEAVER HOLE	CHEAT	W VA	450 000	620 000	50	310
	TYGART	TYGART	W VA	40 000	173 000	90	170
	LAUREL	TYGART	W VA	70 000	200 000	270	480
				697 000	1 431 000		
	ALLEGHENY RIVER BASIN						
	FOXBURG	CLARION	PA	130 000	180 000	U	150
	PINEY	CLARION	PA	9 600	16 100	13	83
	MILL CREEK	CLARION	PA	110 000 249 600	175 000 371 100	630	225
	<u>OHIO MAJOR DRAINAGE TOTAL</u>			<u>5 694 883</u>	<u>17 211 100</u>		
	<u>MISSOURI MAJOR DRAINAGE</u>						
	MISSOURI MAIN STREAM KANS CTY TO MOUTH	MISSOURI	MO	1 200 000 1 200 000	6 500 000 6 500 000	NA	345
	GASCONADE RIVER BASIN						
	RICH FOUNTAIN	GASCONADE	MO	35 000	96 000	220	78
	ARLINGTON	GASCONADE	MO	30 000	120 000	331	101
	RICHLAND	GASCONADE	MO	25 000 90 000	49 000 265 000	475	97
	OSAGE RIVER BASIN						
	LOCK NO 2	OSAGE	MO	20 000	160 000	15	25
	NIANGUA	NIANGUA	MO	9 700	32 000	92	98
	KAYSINGER BLUFF	OSAGE	MO	76 400	194 000	637	79
	POMME DE TERRE	POMME DE TERRE	MO	16 800	27 700	165	117
	STOCKTON	SAC	MO	45 200 168 100	55 000 468 700	643	112
	GRAND RIVER BASIN CHILLICOTHE	GRAND	MO	18 000 18 000	95 000 95 000	1 521	50
	KANSAS RIVER BASIN						
	EDWARDSVILLE	KANSAS	KANS	25 000	85 000	NA	35
	EUDORA	KANSAS	KANS	25 000	90 000	NA	40
	LECOMPTON	KANSAS	KANS	15 000	60 000	NA	30
	TECUMSEH	KANSAS	KANS	15 000	54 000	NA	30
	TOPEKA	KANSAS	KANS	20 000	78 000	120	45
	TUTTLE CREEK	BIG BLUE	KANS	20 000	55 000	350	81
	ROCKY FORD	BIG BLUE	KANS	460	1 300	NA	19
	MILFORD	REPUBLICAN	KANS	13 000 132 540	38 000 458 700	300	65
B	MISSOURI MAIN STREAM RULO TO KANS CITY #	MISSOURI	KANS	170 000	1 000 000	NA	120
	RULO TO KANS CITY #	MISSOURI	MO	170 000	1 000 000	NA	120
	NEBR CITY TO RULO #	MISSOURI	MO	50 000	300 000	NA	40
	NEBR CITY TO RULO #	MISSOURI	NEBR	50 000 440 000	300 000 2 600 000	NA	40
	PLATTE RIVER BASIN						
	SOUTH BEND	PLATTE	NEBR	27 000	110 000	28	34
	NICKERSON	MAPLE CR	NEBR	5 600	23 000	NA	70
	MAPLE CREEK	MAPLE CR	NEBR	5 300	22 000	NA	65
	WATERLOO	PLATTE	NEBR	11 000	90 000	NA	48
	ROGERS	PLATTE	NEBR	23 100	180 000	NA	100
B	CUSHING	NORTH LOUP	NEBR	6 000	19 000	NA	88
	DAVIS CREEK NO 2	NORTH LOUP	NEBR	11 000	21 000	NA	172
	LEES PARK	MIDDLE LOUP	NEBR	6 100	30 000	NA	144

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
PLATTE RIVER BASIN (CONTINUED)							
A	JOHNSON NO 2	PLATTE CANAL	NEBR	18 000	0	U	146
	PLUM CREEK	PLUM CR	NEBR	24 000	31 000	NA	138
	SUTHERLAND	S PLATTE	NEBR	4 050	8 000	33	31
	CANYON	CACHE LA POUDRE	COLO	19 800	117 000	5	645
	ELKHORN	CACHE LA POUDRE	COLO	27 400	168 000	50	825
	BENNETT CREEK	CACHE LA POUDRE	COLO	23 800	147 000	5	760
	SHEEP CREEK	CACHE LA POUDRE	COLO	13 500	89 000	NA	675
	POUDRE	CACHE LA POUDRE	COLO	12 500	77 000	NA	675
	CASCADE	CACHE LA POUDRE	COLO	15 100	46 000	NA	690
	COOK MOUNTAIN	NORTH ST VRAIN	COLO	21 000	64 000	NA	760
	BUCK GULCH	NORTH ST VRAIN	COLO	20 200	62 000	NA	785
	SMITY MOUNTAIN	SOUTH ST VRAIN	COLO	13 200	68 000	NA	790
	ELDORA	MIDDLE BOULDER	COLO	8 000	17 000	NA	510
	GROSS DAM	SOUTH BOULDER CR	COLO	7 875	25 000	NA	000
	WONDERVU	SOUTH BOULDER	COLO	6 700	28 000	NA	450
	NEDERLAND 1	SOUTH BOULDER	COLO	6 200	23 000	NA	465
	ELK	CLEAR CR	COLO	13 000	41 000	NA	350
	BIG HILL	CLEAR CR	COLO	18 600	75 000	NA	650
	EMPIRE	CLEAR CR	COLO	28 500	87 000	100	845
	TURKSHEAD	SOUTH PLATTE	COLO	7 200	46 000	U	107
	TWO FORKS	SOUTH PLATTE	COLO	116 000	210 000	400	450
	RESORT CREEK	N FK SOUTH PLATTE	COLO	52 000	245 000	U	645
	CROSSONS	N FK SOUTH PLATTE	COLO	26 000	194 000	NA	511
	INSMONT	N FK SOUTH PLATTE	COLO	14 200	105 000	NA	283
	SHAWNEE	N FK SOUTH PLATTE	COLO	11 400	74 000	50	225
	SINGLETON	N FK SOUTH PLATTE	COLO	19 000	135 000	NA	373
	GRANT	N FK SOUTH PLATTE	COLO	20 000	128 000	NA	379
	CHEESMAN	SOUTH PLATTE	COLO	5 900	25 000	79	377
	SIGNAL	SOUTH PLATTE	COLO	8 500	26 000	NA	405
	TARRYALL	SOUTH PLATTE	COLO	5 300	19 000	NA	300
A	NORTH PLATTE	N PLATTE CANAL	NEBR	26 100	50 000	U	213
	KINGSLEY	NORTH PLATTE	NEBR	22 500	95 000	1 900	140
	NORTH PORT	NORTH PLATTE	NEBR	10 000	49 000	NA	260
	SYBILLE CREEK	LARAMIE	WYO	17 000	43 000	NA	925
	DODGE CANYON	LARAMIE	WYO	7 500	20 000	NA	370
A	GUERNSEY	NORTH PLATTE	WYO	10 000	31 000	45	86
	UPPER GLEND	NORTH PLATTE	WYO	4 000	35 000	NA	60
	BESSEMER BEND	NORTH PLATTE	WYO	14 000	72 000	576	135
	LEWISTON	SWEETWATER	WYO	5 000	35 000	NA	450
	PEDRO MOUNTAIN	NORTH PLATTE	WYO	36 000	81 000	500	120
A	SEMINOE	NORTH PLATTE	WYO	12 600	33 000	1 012	217
	FORT STEELE	NORTH PLATTE	WYO	13 000	32 000	NA	60
	JACKS CREEK	NORTH PLATTE	WYO	26 000	64 000	NA	120
	HOG PARK	ENCAMPMENT	WYO	15 000	64 000	NA	800
	BENNETT PEAK	NORTH PLATTE	WYO	15 300	69 000	NA	105
	PARKVIEW	NORTH PLATTE	WYO	20 000	89 000	NA	465
				936 125	3 737 000		
MISSOURI MAIN STREAM							
B	SIoux C TO NEBR C *	MISSOURI	IOWA	200 000	1 100 000	NA	195
B	SIoux C TO NEBR C *	MISSOURI	NEBR	200 000	1 100 000	NA	195
B	YANKTN TO SIoux C *	MISSOURI	NEBR	80 000	350 000	NA	80
B	YANKTN TO SIoux C *	MISSOURI	S DAK	80 000	350 000	NA	80
				560 000	2 900 000		
NIOBRARA RIVER BASIN							
	NIOBRARA	NIOBRARA	NEBR	17 800	78 000	400	130
	REDBIRD	NIOBRARA	NEBR	12 600	58 000	200	100
	SPENCER	NIOBRARA	NEBR	19 500	100 000	210	160
R	SPENCER	NIOBRARA	NEBR	2 640	11 000	NA	21
	PHOENIX	NIOBRARA	NEBR	8 500	48 000	NA	120
	PHOENIX	NIOBRARA	NEBR	9 400	48 000	22	100
	OTTER CREEK	NIOBRARA	NEBR	12 000	66 000	72	145
	LONG PINE	LONG PINE	NEBR	21 000	46 000	69	150
	MEADOWVILLE	NIOBRARA	NEBR	9 100	43 000	NA	82
	RESERVOIR NO 5	NIOBRARA	NEBR	5 400	28 000	21	75
	SPARKS	NIOBRARA	NEBR	5 400	21 000	21	80
				118 060	525 000		
MISSOURI MAIN STREAM							
	BIG BEND	MISSOURI	S DAK	468 000	907 000	260	78
	PONY HILLS	DIVERSION CANAL	S DAK	180 000	390 000	760	241
				648 000	1 297 000		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
B	MINOR RIVER BASINS						
	CHERRY CREEK	CHEYENNE	S DAK	14 000	49 000	223	90
	PEDRO	CHEYENNE	S DAK	13 000	46 000	198	90
	ANGOSTURA	S FK CHEYENNE	S DAK	10 000	33 000	255	148
	COAL MINE	S FK CHEYENNE	S DAK	6 000	15 800	103	91
				43 000	143 800		
	MISSOURI MAIN STREAM						
	BISMARCK	MISSOURI	N DAK	100 000	470 000	NA	43
	LINCOLN VALLEY	GARRISON CANAL	N DAK	50 000	200 000	NA	126
	LONE TREE	GARRISON CANAL	N DAK	45 000	190 000	NA	123
				195 000	860 000		
B	YELLOWSTONE RIVER BASIN						
	INTAKE	YELLOWSTONE	MONT	200 000	1 100 000	150	180
	BILLINGS TO GLDVE	YELLOWSTONE	MONT	900 000	4 800 000	NA	1 250
	MOORHEAD	POWDER	MONT	8 000	29 000	270	190
	GOOSE CREEK RES	GOOSE CR	WYO	12 000	60 000	39	1 890
	ROCKWOOD	WYOGUE	WYO	60 000	320 000	29	2 920
	SHEKIDAN	TONGUE	WYO	25 000	92 000	24	1 200
	CUSTER	BIGHORN	MONT	40 000	180 000	250	100
	LITTLE HORN	LITTLE HORN	MONT	15 000	70 000	40	740
	YELLOWTAIL	BIGHORN	MONT	250 000	910 000	608	463
	KANE	BIGHORN	WYO	30 000	150 000	430	140
	ISHAWOOA	S FK SHOSHONE	WYO	45 000	230 000	100	850
	SOUTH FORK	S FK SHOSHONE	WYO	25 000	135 000	70	800
	WAPITI	N FK SHOSHONE	WYO	65 000	330 000	100	850
	THERMOPOLIS	BIGHORN	WYO	50 000	200 000	NA	250
	BULL LAKE	WIND	WYO	75 000	370 000	150	850
	DU NOIR	WIND	WYO	10 000	30 000	200	600
	BALD RIDGE	CLARK FK	WYO	23 000	157 000	NA	390
	SUNLIGHT	SUNLIGHT CR	WYO	14 900	112 000	48	2 020
	THIEF CREEK	CLARK FK	WYO	125 200	510 000	190	1 470
	BEAR TOOTH LAKE	BEAR TOOTH CR	WYO	12 000	65 000	NA	2 920
	HUNTER MOUNTAIN	CLARK FK	WYO	14 400	100 000	127	649
	LAUREL	YELLOWSTONE	MONT	150 000	780 000	100	280
	STILLWATER	STILLWATER	MONT	40 000	190 000	90	1 000
	BENSON BLUFF	YELLOWSTONE	MONT	110 000	530 000	800	220
	GREYCLIFF	YELLOWSTONE	MONT	120 000	580 000	800	250
	BOULDER	BOULDER	MONT	40 000	220 000	250	900
	NATURAL BRIDGE	BOULDER	MONT	10 000	60 000	80	500
	BIG TIMBER	YELLOWSTONE	MONT	80 000	380 000	350	190
	ALLENSPUR	YELLOWSTONE	MONT	250 000	679 000	1 230	380
	MILL CREEK	MILL CR	MONT	15 000	70 000	120	1 000
	CHICORY	YELLOWSTONE	MONT	80 000	380 000	700	230
	YANKEE JIM	YELLOWSTONE	MONT	50 000	205 000	200	200
				2 944 500	14 024 000		
A	MISSOURI MAIN STREAM						
	LITTLE PORCUPINE	MISSOURI	MONT	18 000	113 000	NA	30
	LOW ROCKY POINT	MISSOURI	MONT	94 000	350 000	NA	44
	HIGH COW CREEK	MISSOURI	MONT	720 000	1 480 000	4 200	323
	FORT BENTON	MISSOURI	MONT	300 000	688 000	305	177
	COCHRANE	MISSOURI	MONT	12 000	55 000	U	76
	RAINBOW	MISSOURI	MONT	34 400	132 000	NA	114
				1 178 400	2 818 000		
	SUN RIVER BASIN						
	FAIRFIELD	SUN CANAL	MONT	9 500	20 000	NA	150
A	GIBSON						
		SUN	MONT	11 000	41 000	NA	162
				20 500	61 000		
	MISSOURI MAIN STREAM						
	ULM	MISSOURI	MONT	8 500	65 000	1 290	27
	HARDY	MISSOURI	MONT	19 000	135 000	59	67
	LOMBARD	MISSOURI	MONT	25 000	180 000	NA	85
				52 500	380 000		
	GALLATIN RIVER BASIN						
	LOWER BASIN	GALLATIN	MONT	14 000	66 000	259	236
R	MADISON RIVER BASIN						
	ENNIS	MADISON	MONT	67 000	350 000	NA	370
	MADISON NO 2	MADISON	MONT	9 000-	73 000-	39	119
	SQUAW CREEK	MADISON	MONT	9 500	56 000	NA	120
	LYON	MADISON	MONT	18 000	112 000	NA	310
	HEBGEN	MADISON	MONT	12 000	64 000	345	165
				97 500	509 000		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
	JEFFERSON RIVER BASIN						
	JEFFERSON CANYON	JEFFERSON	MONT	42 000	184 000	1 205	160
	REICHLER	BIG HOLE	MONT	25 000	110 000	130	155
	MELROSE	BIG HOLE	MONT	80 000	350 000	340	710
				147 000	644 000		
<u>MISSOURI MAJOR DRAINAGE TOTAL</u>				<u>9 003 225</u>	<u>38 352 200</u>		
<u>GREAT BASIN MAJOR DRAINAGE</u>							
	TRUCKEE RIVER BASIN						
	FRANKTOWN	FRANKTOWN CR	NEV	15 000	86 000	NA	1 163
	CALVADA	LIT TRUCKEE DIV	CALIF	26 500	62 000	125	985
	PROSSER	TRUCKEE	CALIF	5 000	33 000	133	300
				46 500	181 000		
A	CARSON LAKE BASIN						
	26 FOOT DROP	CARSON	NEV	200	1 000	U	26
	EUREKA	CARSON	NEV	7 000	37 000	350	538
	WOODFORDS	W FK CARSON	CALIF	13 000	53 000	NA	966
	WATASHEAMU	E FK CARSON	NEV	8 000	34 000	90	236
			28 200	125 000			
	WALKER LAKE BASIN						
	ANTELOPE	WEST WALKER	CALIF	9 500	51 000	NA	525
	MIDWAY	WEST WALKER	CALIF	11 000	48 000	NA	426
			20 500	99 000			
	OWENS RIVER BASIN						
	COTTONWOOD NO 2	COTTONWOOD CR	CALIF	5 000	32 000	U	2 166
	BIG PINE NO 2	BIG PINE CR	CALIF	5 400	34 000	U	1 789
	BISHOP CR NO 1	S FK BISHOP CR	CALIF	3 500	28 000	NA	900
	PINE CREEK	PINE CR	CALIF	9 000	50 000	U	2 290
	ROCK CREEK NO 3	ROCK CR	CALIF	4 500	26 000	U	800
	ROCK CREEK NO 2	ROCK CR	CALIF	12 500	78 000	U	2 515
	ROCK CREEK NO 1	ROCK CR	CALIF	6 500	41 000	8	1 545
				46 400	289 000		
R	GREAT SALT LAKE BASIN						
	UPPER LOGAN	LOGAN	UTAH	6 200	48 000	NA	800
	MINK	BEAR	IDAHO	20 000	61 000	U	115
	LAVA	BEAR	IDAHO	13 400	38 000	U	99
	COKEVILLE	BEAR	WYO	9 000	50 000	NA	210
	COKEVILLE	PINE CR	WYO	350	1 000	NA	120
	ALTA TUNNEL	LIT COTTONWOOD CR	UTAH	5 000	15 500	NA	650
	DYNE	DIAMOND CR	UTAH	33 000	132 400	NA	848
	SIXTH WATER	DIAMOND CR	UTAH	90 000	134 000	U	823
	SYAR	DIAMOND CR	UTAH	10 500	53 100	700	431
				186 750	531 000		
	MINOR RIVER BASINS						
	BEAVER NO 3	BEAVER	UTAH	2 400	10 000	NA	NA
				2 400	10 000		
<u>GREAT BASIN MAJOR DRAINAGE TOTAL</u>				<u>330 750</u>	<u>1 235 000</u>		
<u>NORTH PACIFIC MAJOR DRAINAGE</u>							
<u>PUGET SOUND DRAINAGE</u>							
	MINOR RIVER BASINS						
	DEMING	NOOKSACK	WASH	50 000	170 000	NA	110
	SKOOKUM CREEK	S FK NOOKSACK	WASH	20 300	160 000	16	560
	MAPLE FALLS	NOOKSACK	WASH	12 000	44 000	NA	100
	SHUKSAN	NOOKSACK	WASH	33 000	205 000	220	750
	WHATCOM CREEK 1	WHATCOM CR	WASH	14 400	115 000	NA	250
				129 700	694 000		
	SKAGIT RIVER BASIN						
	THE DALLIES	SKAGIT	WASH	53 000	370 000	NA	32
	LOW FABER	SKAGIT	WASH	150 000	650 000	NA	110
	LOWER SAUK	SAUK	WASH	94 000	473 000	632	220
	LOWER SUIATTLE	SUIATTLE	WASH	31 000	240 000	NA	505
	BUCK CREEK NO 1A	BUCK CR	WASH	12 000	77 000	NA	1 200

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
SKAGIT RIVER BASIN (CONTINUED)							
	BUCK CREEK NO 1	SUIATTLE	WASH	19 900	153 000	NA	380
	DOWNY CREEK NO 1	SUIATTLE	WASH	12 200	93 000	NA	385
	DOWNY CREEK 1A	SULPHUR CR	WASH	24 100	157 000	NA	1 115
	UPPER SUIATTLE	SUIATTLE	WASH	18 400	140 000	NA	625
	UPPER SAUK	DAN CR	WASH	74 000	320 000	133	585
	LOWER WHITECHUCK	WHITECHUCK	WASH	14 700	104 000	NA	795
	UPPER WHITECHUCK	WHITECHUCK	WASH	14 300	100 000	NA	1 200
	NORTH FORK SAUK	N FK SAUK	WASH	29 000	210 000	34	845
	SLOAN CREEK	N FK SAUK	WASH	9 500	67 000	28	400
	ILLABOT CREEK	ILLABOT CR	WASH	13 500	96 000	NA	1 000
	CASCADE	CASCADE	WASH	66 000	320 000	240	686
A	COPPER CREEK	SKAGIT	WASH	83 000	470 000	11	152
A	GORGE	SKAGIT	WASH	43 600	200 000	7	380
	DIABLO	SKAGIT	WASH	120 000	150 000	61	330
	THUNDER CREEK	SKAGIT CR	WASH	152 000	400 000	134	1 573
E	ROSS	SKAGIT	WASH	0	200 000	1 023	395
				1 034 200	4 990 000		
STILLAGUAMISH RIVER BASIN							
	JORDEN	S FK STILLAGUAMI	WASH	6 800	55 000	51	117
	GRANITE FALLS	S FK STILLAGUAMI	WASH	17 500	136 000	U	255
	ROBE	S FK STILLAGUAMI	WASH	30 000	250 000	59	480
	TYREE	S FK STILLAGUAMI	WASH	15 000	100 000	40	290
	SILVERTON	S FK STILLAGUAMI	WASH	23 000	65 000	80	220
	OSO	N FK STILLAGUAMI	WASH	15 800	108 000	180	136
	CHAPLAIN CREEK	N FK STILLAGUAMI	WASH	50 000	180 000	100	886
				158 100	894 000		
SNOHOMISH RIVER BASIN							
	LOWER SULTAN	SULTAN	WASH	24 000	73 000	5	300
	MIDDLE SULTAN	SULTAN	WASH	32 000	129 000	U	398
	UPPER SULTAN	SULTAN	WASH	84 000	122 000	97	396
	WALLACE LAKE	E FK WALLACE	WASH	22 000	178 000	NA	1 255
	REITER	HOGARTY CR	WASH	5 000	30 000	NA	NA
	SUNSET FALLS	S FK SKYKOMISH	WASH	84 500	591 000	NA	520
	MILLER FORKS	E FK MILLER CR	WASH	4 500	32 400	NA	310
	EAST FORK MILLER	E FK MILLER CR	WASH	4 900	38 400	NA	770
	LAKE DOROTHY	E FK MILLER CR	WASH	3 500	30 600	32	1 070
	UPPER SOUTH FORKS	S FK SKYKOMISH	WASH	8 100	57 000	NA	120
	TONGA	FOSS	WASH	7 600	56 600	NA	495
	ALTURAS LAKE	E FK FOSS	WASH	5 000	37 800	9	440
	BECKLER	BECKLER	WASH	13 700	93 000	NA	535
	TROUT CREEK	TROUT CR	WASH	90 000	438 000	250	870
	GIDDINGS CREEK	N FK SKYKOMISH	WASH	13 500	94 000	NA	450
	TROUBLESOME NO 1	TROUBLESOME CR	WASH	3 600	31 000	NA	2 130
	CARNATION	N FK SNOQMIE DIV	WASH	34 100	83 000	NA	510
A	SNOQUALMIE NO 1	SNOQUALMIE	WASH	24 000	150 000	U	257
	GRIFFIN CREEK	N FK SNOQMIE DIV	WASH	21 200	92 000	NA	340
	BEAVER CR 1	N FK SNOQMIE DIV	WASH	27 600	121 000	100	620
	BEAVER CR 2	CALLIGAN CR	WASH	16 400	72 000	NA	1 290
	MOUNT SI	M FK SNOQUALMIE	WASH	46 400	158 000	122	305
	UPPER FALLS	S FK SNOQUALMIE	WASH	8 500	58 000	14	500
				584 100	2 765 800		
MINOR RIVER BASINS							
A	CEDAR FALLS	CEDAR	WASH	7 144	33 800	60	630
	EAGLE GORGE	GREEN	WASH	65 000	430 000	30	850
				72 144	463 800		
PUYALLUP RIVER BASIN							
A	WHITE RIVER	WHITE	WASH	49 000	7 800	44	489
	MUD MOUNTAIN	WHITE	WASH	50 000	400 000	105	505
	TWIN CREEK	WHITE	WASH	15 800	95 000	20	530
	WEST FORK MOUTH	W FK WHITE	WASH	4 800	34 000	NA	560
	EAST FORK RAINIER	E FK WHITE	WASH	4 900	35 000	NA	360
	CARBON NO 3	CARBON	WASH	9 000	60 000	NA	480
	CARBON NO 2	CARBON	WASH	9 000	60 000	NA	470
	CARBON NO 1	CARBON	WASH	10 100	75 000	NA	705
	ORTING	PUYALLUP DIV	WASH	14 000	120 000	NA	442
	MOWICH NO 1A	PUYALLUP	WASH	4 500	33 000	NA	575
	MOWICH NO 1	MOWICH	WASH	7 200	53 000	NA	815
				177 500	972 800		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NISQUALLY RIVER BASIN						
TR NISQUALLY	NISQUALLY	WASH	6 800	56 000	NA	87
PARK JUNCTION 2	NISQUALLY	WASH	3 900	28 000	NA	115
PARK JUNCTION 1	NISQUALLY	WASH	9 600	72 000	NA	550
			20 300	156 000		
HOGARTY CREEK BASIN						
LAKE ISABELLA	MILL CR	WASH	5 000	30 000	NA	NA
			5 000	30 000		
HOOD CANAL BASIN						
TUNNEL CREEK	QUILCENE	WASH	5 800	41 000	NA	944
USGS SITE 12PM12	DOSEWALLIPS	WASH	18 000	77 000	100	380
USGS SITE 12PM11	DOSEWALLIPS	WASH	15 000	65 000	NA	380
USGS SITE 12PM10	DOSEWALLIPS	WASH	27 000	120 000	NA	740
USGS SITE 12PM15A	DUCKABUSH	WASH	18 000	80 000	60	430
USGS SITE 12PM14A	DUCKABUSH	WASH	8 000	35 000	NA	220
USGS SITE 12PM13	DUCKABUSH	WASH	13 000	57 000	NA	405
USGS SITE 12PM9	HAMMA HAMMA	WASH	25 000	110 000	18	530
STAIRCASE	SKOKOMISH	WASH	5 200	35 000	NA	275
SEVEN STREAMS	SKOKOMISH	WASH	6 000	41 000	NA	490
			141 000	661 000		
MINOR RIVER BASINS						
12 PM NO 23	DUNGENESS	WASH	5 800	29 000	NA	334
FORKS	DUNGENESS	WASH	5 000	37 000	NA	294
UPPER DUNGENESS	DUNGENESS	WASH	4 600	34 000	NA	954
TAILWATER	ELWHA	WASH	7 200	57 000	NA	82
MCDONALD	ELWHA	WASH	17 000	136 000	NA	225
GEYSER BASIN	ELWHA	WASH	10 000	80 000	26	190
WINDFALL CREEK	ELWHA	WASH	11 400	91 000	NA	290
LITTLE LOST	ELWHA	WASH	10 500	84 000	NA	290
PRESS VALLEY	ELWHA	WASH	5 700	46 000	46	220
LOWER LYRE	LYRE	WASH	11 900	100 000	NA	290
LAKE CRESCENT	LYRE	WASH	12 500	105 000	72	297
			101 600	799 000		
PUGET SOUND DRAINAGE TOTAL			2 423 644	12 426 400		
WASHINGTON COASTAL RIVER DRAINAGE						
SOLEDUCK RIVER BASIN						
FAIRHOLM	SOLEDUCK	WASH	17 700	120 000	NA	481
			17 700	120 000		
HOH RIVER BASIN						
LOG JAM	HOH	WASH	22 000	190 000	NA	150
OXBOW	HOH	WASH	53 600	260 000	146	220
BENDS	S FK HOH	WASH	5 200	39 000	NA	240
SLATE CREEK	S FK HOH	WASH	13 500	100 000	NA	1 300
SPRUCE CREEK	HOH	WASH	4 600	34 000	NA	70
TWIN CREEK	HOH	WASH	8 200	61 000	NA	200
MINERAL CREEK	HOH	WASH	4 600	34 000	NA	150
GLIDE CREEK	HOH	WASH	8 500	63 000	NA	380
			120 200	781 000		
MINOR RIVER BASINS						
LOWER QUEETS	QUEETS	WASH	17 000	75 000	NA	68
UPPER QUEETS	QUEETS	WASH	10 000	44 000	NA	803
QUINAULT LAKE	QUINAULT	WASH	13 800	100 000	NA	95
QUINAULT	ZEIGLER CR	WASH	500	NA	NA	876
SOUTH FORK	QUINAULT	WASH	15 400	104 000	NA	190
RUSTLER RIVER	QUINAULT	WASH	13 100	89 000	NA	300
LOWER CANYON	WYNOOCHEE	WASH	9 100	76 000	75	164
SAVE CREEK	WYNOOCHEE	WASH	5 700	47 000	NA	152
WYNOOCHEE	WYNOOCHEE	WASH	66 000	118 000	123	280
NORTH RIVER	NORTH	WASH	20 000	88 000	125	112
			170 600	741 000		
WASHINGTON COASTAL RIVER DRAINAGE TOTAL			308 500	1 642 000		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
<u>COLUMBIA RIVER DRAINAGE</u>							
A	GRAYS RIVER BASIN						
	GRAYS RIVER	GRAYS	WASH	15 000 15 000	60 000 60 000	19	400
	COWLITZ RIVER BASIN						
	CASTLE ROCK	TOUTLE	WASH	260 000	1 000 000	NA	200
	KID VALLEY	TOUTLE	WASH	94 000	350 000	625	475
	UPPER GREEN	GREEN	WASH	5 000	22 000	96	250
	ELK CREEK	TOUTLE	WASH	10 000	73 000	NA	500
	COLDWATER CREEK	TOUTLE	WASH	8 200	61 000	NA	600
	SPIRIT LAKE	TOUTLE	WASH	4 800	42 000	34	1 124
	MAYFIELD	COWLITZ	WASH	40 000	7 000	21	182
	TILTON	TILTON	WASH	33 000	128 000	110	385
	MOSSY ROCK	COWLITZ	WASH	300 000	990 000	824	325
	COWLITZ FALLS	COWLITZ	WASH	210 000	800 000	3 254	330
	GREENHORN CREEK	CISPUS	WASH	47 000	190 000	285	285
	MUDDY FORK	CISPUS	WASH	80 000	290 000	96	1 450
	WALUPT LAKE	WALUPT	WASH	8 000	31 000	40	600
	PACKWOOD LAKE	HALL CR	WASH	26 125	102 000	U	1 800
	SILVER FALLS	OHANAPECOSH	WASH	23 200	184 000	35	930
				1 149 325	4 270 000		
A	LEWIS RIVER BASIN						
	MERWIN	LEWIS	WASH	45 000	60 500	246	185
	YALE	LEWIS	WASH	108 000	0	190	247
	SWIFT CREEK	SWIFT CR	WASH	7 000	48 000	NA	810
	MUDDY	LEWIS	WASH	110 000	410 000	277	311
	CLEARWATER CREEK	MUDDY	WASH	6 500	49 000	16	330
	PARADISE FALLS	CLEARWATER CR	WASH	17 000	67 000	90	920
	CLEAR CREEK	CLEAR CR	WASH	5 800	39 000	NA	750
	MEADOWS	LEWIS TRIB	WASH	85 000	260 000	70	1 061
	CASCADE GORGE	LEWIS	WASH	22 000	99 000	53	267
	QUARTZ CREEK	LEWIS	WASH	12 700	92 000	168	415
	STEAMBOAT CREEK	LEWIS	WASH	9 500	74 000	68	550
				428 500	1 198 500		
A	WILLAMETTE RIVER BASIN						
	CLEAR CREEK	CLACKAMAS	OREG	16 000	73 000	NA	40
	LOWER CLACKAMAS	CLACKAMAS	OREG	72 000	330 000	NA	180
	SOUTH FORK	CLACKAMAS	OREG	24 000	120 000	NA	200
	FISH CREEK	CLACKAMAS	OREG	27 000	140 000	NA	240
	OAK GROVE	CLACKAMUS	OREG	25 500	25 000	U	879
	NOWHERE MEADOWS	CLACKAMAS	OREG	28 000	180 000	80	240
	SHELL ROCK	OAK GROVE FK	OREG	35 000	108 000	66	927
	BIG BOTTOM	CLACKAMAS	OREG	20 000	83 000	250	340
	PELKEY	MOLALLA	OREG	4 700	35 000	30	260
	HEADWATERS	MOLALLA	OREG	5 300	33 000	NA	475
	MEHAMA DIVERSION	NORTH SANTIAM	OREG	40 000	210 000	U	207
	NORTH SANTIAM	NORTH SANTIAM	OREG	63 000	390 000	NA	342
	BYARS CREEK	BREITENBUSH	OREG	11 000	63 000	50	250
	TUNNEL	NORTH SANTIAM	OREG	25 000	106 000	150	290
	MINTO	NORTH SANTIAM	OREG	18 000	73 000	150	250
	MARION LAKE	MARION CR	OREG	22 000	154 000	38	1 500
	ALBANY SITES	SOUTH SANTIAM	OREG	11 000	90 000	NA	175
	WATERLOO DIVR	SOUTH SANTIAM	OREG	3 800	30 000	NA	65
	FOSTER RRG	SOUTH SANTIAM	OREG	20 000	126 700	U	116
	GREEN PETER	MIDDLE SANTIAM	OREG	80 700	237 400	63	322
	BEAR CREEK	MIDDLE SANTIAM	OREG	11 700	74 000	NA	800
	PACKERS GULCH	QUARTZVILLE CR	OREG	8 600	54 000	NA	600
	CASCADIA	SOUTH SANTIAM	OREG	15 000	70 000	165	258
	HAYDEN BRIDGE	MCKENZIE	OREG	9 000	74 000	NA	90
	DEERHORN	MCKENZIE	OREG	4 000	32 000	NA	44
	VIDA	MCKENZIE	OREG	30 000	240 000	NA	200
	QUARTZ CREEK	MCKENZIE	OREG	18 000	142 000	NA	80
	STRUBE RRG	S FK MCKENZIE	OREG	4 500	25 400	U	64
	COUGAR	S FK MCKENZIE	OREG	60 000	141 700	10	448
	HARDY CREEK	S FK MCKENZIE	OREG	3 300	29 000	NA	290
	AUGUSTA CREEK	S FK MCKENZIE	OREG	4 900	42 000	NA	430
	MCKENZIE BRIDGE	MCKENZIE	OREG	10 000	79 000	NA	85
	HORSE CREEK	HORSE CR	OREG	5 300	46 000	NA	350
	FOLEY SPRINGS	HORSE CR	OREG	4 900	42 000	NA	288
	RAINBOW CREEK	SEPARATION CR	OREG	8 700	76 000	NA	720
	HARVEY CREEK	SEPARATION CR	OREG	7 000	61 000	NA	850
	THREE SISTERS	SEPARATION CR	OREG	9 100	80 000	5	1 350
	BELKNAP	MCKENZIE	OREG	35 000	230 000	NA	385

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
	WILLAMETTE RIVER BASIN (CONTINUED)						
	BEAVER MARSH	MCKENZIE	OREG	30 000	60 000	NA	380
	LOOKOUT POINT 2	M FK WILLAMETTE	OREG	20 000	100 000	NA	127
	MILE 6 POINT 7	NORTH FK	OREG	26 000	96 000	78	300
	NORTH FORK NO 1	NORTH FK	OREG	18 500	103 000	NA	580
	SALMON CREEK	SALMON CR	OREG	30 000	162 000	NA	1 020
	WALDO LAKE	BLACK CR	OREG	21 000	29 000	220	1 960
	MILE 56	M FK WILLAMETTE	OREG	6 800	48 000	NA	215
	BOULDER CREEK	M FK WILLAMETTE	OREG	7 000	48 000	NA	370
	STALEY CREEK	M FK WILLAMETTE	OREG	6 500	46 000	NA	390
	SWIFT CREEK	M FK WILLAMETTE	OREG	7 000	42 000	NA	800
	ROCKY POINT	ROW	OREG	4 500	33 000	70	175
				977 600	4 912 200		
	SANDY RIVER BASIN						
	BULL RUN NO 2	BULL RUN	OREG	6 400	40 000	21	111
	BULL RUN NO 1	BULL RUN	OREG	12 800	58 000	21	172
	MARMOT	SANDY	OREG	33 500	230 000	NA	600
	WELCHES	SALMON	OREG	9 800	64 000	NA	350
	LINNEY	SALMON	OREG	18 600	124 000	20	820
	MEADOWS	SALMON	OREG	5 200	35 000	20	420
				86 300	551 000		
A	COLUMBIA MAIN STREAM BONNEVILLE	COLUMBIA	OREG	324 000 324 000	2 444 500 2 444 500	87	67
	LITTLE WHITE SALMON RIVER BASIN						
	LIT WHITE SALMON	LIT WHITE SALMON	WASH	30 600 30 600	210 000 210 000	U	1 052
	WHITE SALMON RIVER BASIN						
R	UNDERWOOD	WHITE SALMON	WASH	42 000	154 000	NA	218
	CONDIT	WHITE SALMON	WASH	9 600	95 200	NA	178
	HUSUM	WHITE SALMON	WASH	48 000	225 000	NA	448
	B-2	WHITE SALMON	WASH	50 000	232 000	NA	550
	WALLACE BRIDGE	WHITE SALMON	WASH	30 000	134 000	NA	419
	LITTLE MOUNTAIN	WHITE SALMON	WASH	15 000	60 400	NA	220
	TROUT CREEK	WHITE SALMON DIV	WASH	40 000 215 400	87 000 797 200	6	890
	KLICKITAT RIVER BASIN						
	FOOT OF RAPIDS	KLICKITAT	WASH	4 600	35 000	NA	75
	HEAD BOX CANYON	KLICKITAT	WASH	15 200	116 000	NA	295
	WRIGHT	KLICKITAT	WASH	5 500	42 000	NA	120
	LITTLE KLICKITAT	KLICKITAT	WASH	12 000	92 000	NA	290
	ALVORDS BRIDGE	KLICKITAT	WASH	12 300	94 000	NA	300
	OUTLET CREEK	KLICKITAT	WASH	30 700	240 000	NA	827
	BIG MUDDY	KLICKITAT	WASH	15 500	119 000	NA	563
	MIDDLE BIG MUDDY	BIG MUDDY CR	WASH	8 200	56 000	NA	968
	WEST FORK	W FK KLICKITAT	WASH	3 800	30 000	NA	467
	CASTILE FORD	KLICKITAT	WASH	3 800 111 600	30 000 854 000	NA	280
A	COLUMBIA MAIN STREAM THE DALLES	COLUMBIA	WASH	624 000 624 000	797 200 797 200	53	91
	DESCHUTES RIVER BASIN						
	MOODY	DESCHUTES	OREG	64 000	380 000	NA	132
	LOCKIT	DESCHUTES	OREG	34 000	200 000	NA	70
	RECLAMATION	DESCHUTES	OREG	46 000	270 000	NA	95
	SINAMOX	DESCHUTES	OREG	43 000	250 000	NA	90
	OAK BROOK	DESCHUTES	OREG	31 000	184 000	NA	65
	SHERAR FALLS	DESCHUTES	OREG	36 000	210 000	NA	75
	OAK SPRINGS	DESCHUTES	OREG	13 000	79 000	NA	35
	MAUPIN	DESCHUTES	OREG	48 000	280 000	NA	120
	FRIEDA	DESCHUTES	OREG	58 000	340 000	NA	145
	WHITE HORSE	DESCHUTES	OREG	38 500	290 000	NA	138
	ROUND BUTTE	DESCHUTES	OREG	247 050	946 000	250	372
	WHITE WATER	METOLIUS	OREG	20 600	153 000	NA	260
	JEFFERSON	METOLIUS	OREG	26 500	200 000	NA	400
	JACK CREEK	METOLIUS	OREG	11 900 717 550	88 000 3 870 000	NA	300
A	COLUMBIA MAIN STREAM JOHN DAY MCNARY	COLUMBIA COLUMBIA	WASH OREG	2 700 000 420 000 3 120 000	10 153 000 657 000 10 810 000	150 185	113 92

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
A	SNAKE RIVER BASIN						
	ICE HARBOR	SNAKE	WASH	270 000	569 000	25	103
	LOWER MONUMENTAL	SNAKE	WASH	810 000	2 619 000	20	103
	LITTLE GOOSE	SNAKE	WASH	810 000	2 488 000	49	101
	LOWER GRANITE	SNAKE	WASH	810 000	2 444 000	44	105
	LAPWAI	CLEARWATER	IDAHO	73 000	280 000	NA	35
	MYRTLE	CLEARWATER	IDAHO	131 000	510 000	NA	66
	LENORE	CLEARWATER	IDAHO	170 400	636 000	6	79
	DWORSHAK	N FK CLEARWATER	IDAHO	600 000	1 919 000	2 000	630
	ROCK CREEK	N FK CLEARWATER	IDAHO	364 000	1 420 000	593	600
	LOST CREEK	N FK CLEARWATER	IDAHO	13 000	50 000	NA	49
	FISHER CREEK	N FK CLEARWATER	IDAHO	10 000	73 000	NA	268
	KELLEY CREEK	N FK CLEARWATER	IDAHO	33 000	128 000	270	400
	GREER	CLEARWATER	IDAHO	160 000	700 000	NA	100
	KAMIAH	CLEARWATER	IDAHO	50 000	220 000	NA	45
	PENNY CLIFFS	M FK CLEARWATER	IDAHO	292 000	1 787 000	2 300	590
	JERRY JOHNSON	LOCHSA	IDAHO	46 000	178 000	NA	290
	WENDOVER	LOCHSA	IDAHO	105 000	450 000	405	718
	WOLF CREEK	SELWAY	IDAHO	103 000	400 000	66	286
	MOOSE CREEK	SELWAY	IDAHO	240 000	720 000	830	592
	RUNNING CREEK	SILWAY	IDAHO	50 000	200 000	59	302
	WHITE CAP	SELWAY	IDAHO	68 000	260 000	360	483
	MEADOW CREEK	S FK CLEARWATER	IDAHO	73 000	285 000	NA	810
	SILVER CREEK	S FK CLEARWATER	IDAHO	24 000	91 000	NA	430
	NEWSOME CREEK	S FK CLEARWATER	IDAHO	50 000	200 000	260	1 040
	ASOTIN	SNAKE	IDAHO	540 000	1 725 700	13	108
	NARROWS	GRANDE RONDE	WASH	49 000	210 000	NA	150
	WENAH	GRANDE RONDE	WASH	201 000	675 000	900	520
	BEAVER CREEK	WENAH	OREG	9 800	69 000	NA	1 366
	ELBOW CREEK	GRANDE RONDE	OREG	56 000	245 000	71	302
	RONDOWA	GRANDE RONDE	OREG	76 000	330 000	660	420
	LITTLE MINAM	MINAM	OREG	5 600	44 000	NA	590
	NORTH MINAM	MINAM	OREG	4 800	37 000	NA	950
	CHINA GARDENS	SNAKE	IDAHO	240 000	1 007 400	45	68
	LOWER CANYON	SALMON	IDAHO	1 280 000	4 380 000	2 500	665
	FREEDOM	SALMON	IDAHO	450 000	840 000	24	220
	CREVICE	SALMON	IDAHO	1 015 000	2 000 000	2 300	725
	WARREN	WARREN CR	IDAHO	91 000	450 000	39	3 479
	JEANOTT	S FK SALMON	IDAHO	8 000	68 000	NA	160
	BEAR CREEK	S FK SALMON	IDAHO	10 000	84 000	NA	200
	TAILHOLT	S FK SALMON	IDAHO	6 000	50 000	NA	120
	DEADMAN	E FK S FK SALMON	IDAHO	5 300	44 000	NA	320
	REGAN	E FK S FK SALMON	IDAHO	5 300	44 000	NA	320
	PARKS	E FK S FK SALMON	IDAHO	5 600	46 000	NA	370
	HALF WAY	JOHNSON CR	IDAHO	3 100	27 000	NA	520
	RUSTICAN	JOHNSON CR	IDAHO	3 300	28 000	NA	580
	BUCKHORN	S FK SALMON	IDAHO	5 000	42 000	NA	280
	REED	S FK SALMON	IDAHO	3 200	27 000	30	170
	POVERTY FLAT	S FK SALMON	IDAHO	4 600	39 000	NA	325
	BEAR HILL	S FK SALMON	IDAHO	5 100	45 000	NA	390
	BLACK CANYON	SALMON	IDAHO	238 000	930 000	425	332
	PINNACLE PEAK	SALMON	IDAHO	243 000	940 000	445	376
	LEWIS	M FK SALMON	IDAHO	141 000	550 000	319	433
	PUNGO	M FK SALMON	IDAHO	8 000	66 000	NA	170
	RISLEY	M FK SALMON	IDAHO	5 300	44 000	NA	135
	STEELHEAD	M FK SALMON	IDAHO	5 400	45 000	NA	145
	SHEEPEATER	M FK SALMON	IDAHO	7 700	65 000	NA	240
DEERHORN	M FK SALMON	IDAHO	5 300	44 000	NA	170	
FULLER	M FK SALMON	IDAHO	5 800	48 000	NA	190	
SALMON FALLS	M FK SALMON	IDAHO	3 900	32 000	NA	140	
FALL CREEK	M FK SALMON	IDAHO	5 500	46 000	NA	200	
CHINOOK	M FK SALMON	IDAHO	5 200	43 000	NA	200	
BEAR VALLEY	M FK SALMON	IDAHO	7 800	65 000	235	310	
ROOD	PANTHER CR	IDAHO	3 200	25 600	NA	290	
DEER CREEK	PANTHER CR	IDAHO	5 000	37 000	NA	450	
SHOUP	SALMON	IDAHO	14 000	110 000	NA	90	
INDIANOLA	SALMON	IDAHO	71 000	280 000	265	248	
12 MILE CREEK	SALMON	IDAHO	5 800	46 000	NA	45	
CAMP CREEK	SALMON	IDAHO	8 700	70 000	NA	69	
RATTLESNAKE	SALMON	IDAHO	16 700	133 000	NA	134	
12 JA NO 16	SALMON	IDAHO	4 400	35 000	NA	36	
MCKIM CREEK	SALMON	IDAHO	17 000	136 000	NA	140	
PAHSIMEROI	SALMON	IDAHO	60 000	237 000	1 042	297	
CHALLIS	SALMON	IDAHO	5 000	25 000	5	200	
CLAYTON	SALMON	IDAHO	3 300	26 000	NA	52	
SULLIVAN HOT SPRS	SALMON	IDAHO	8 100	63 000	NA	122	
HOLMAN CREEK	SALMON	IDAHO	5 900	46 000	NA	95	

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
A	SNAKE RIVER BASIN (CONTINUED)						
	BADGER CREEK	SALMON	IDAHO	7 600	59 000	NA	120
	YANKEE FORK	SALMON	IDAHO	4 000	30 500	NA	77
	AMERICAN CREEK	SALMON	IDAHO	4 300	33 000	NA	84
	ELK HORN CREEK	SALMON	IDAHO	3 400	26 000	NA	70
	STANLEY BASIN	SALMON	IDAHO	8 800	67 000	220	211
	HIGH MTN SHEEP #	SNAKE	IDAHO	875 000	2 740 000	2 250	600
	HIGH MTN SHEEP #	SNAKE	OREG	875 000	2 740 000	2 250	600
	THE RAPIDS	IMNAHA	OREG	5 700	39 000	NA	950
	HELLS CANYON	SNAKE	OREG	408 000	1 800 000	12	212
	HELLS CANYON 3/	SNAKE	OREG	85 2002/		12	212
	OXBOW	SNAKE	OREG	47 500	0	5	120
	BROWNLEE	SNAKE	IDAHO	180 200	0	980	277
	COVERDALE	MCGRAW CR	OREG	34 000	200 000	NA	2 300
	GOODRICH	WEISER	IDAHO	5 000	30 000	NA	NA
	GARDEN VALLEY RRG	S FK PAYETTE	IDAHO	36 000	125 300	6	118
	GARDEN VALLEY	S FK PAYETTE	IDAHO	175 000	551 000	1 940	415
	BIG PINE CREEK	S FK PAYETTE	IDAHO	7 800	64 000	NA	160
	PINE FLAT	S FK PAYETTE	IDAHO	4 300	35 000	NA	90
	OXBOW BEND	S FK PAYETTE	IDAHO	4 400	36 000	NA	95
	12 HG NO 13	S FK PAYETTE	IDAHO	3 900	32 000	NA	100
	12 HG NO 12	S FK PAYETTE	IDAHO	6 500	53 000	NA	200
	12 HG NO 11	S FK PAYETTE	IDAHO	4 200	35 000	NA	130
	12 HG NO 9	S FK PAYETTE	IDAHO	5 000	42 000	NA	200
	12 HG NO 8	S FK PAYETTE	IDAHO	4 600	38 000	80	225
	ELK LAKE	S FK PAYETTE	IDAHO	3 700	28 000	NA	1 000
	LOWER SCRIVER	N FK PAYETTE DIV	IDAHO	120 000	363 000	5	740
	UPPER SCRIVER	N FK PAYETTE DIV	IDAHO	37 500	202 000	U	453
	LUCKY PEAK	BOISE	IDAHO	30 000	132 500	278	240
	ARROW ROCK	BOISE	IDAHO	13 000	42 000	281	196
	12 HD NO 1	BOISE	IDAHO	5 600	44 000	NA	115
	TWIN SPRINGS	BOISE	IDAHO	40 000	179 000	285	400
	12 HD NO 15	N FK BOISE	IDAHO	7 700	63 000	NA	307
	12 HD NO 11	M FK BOISE	IDAHO	3 500	27 000	NA	220
	12 HD NO 20	S FK BOISE	IDAHO	3 700	30 000	NA	105
	ANDERSON RANCH	S FK BOISE	IDAHO	13 500	38 000	423	330
	CASEY RANCH	S FK BOISE	IDAHO	3 900	32 000	NA	145
	BASCUM RESERVOIR	S FK BOISE	IDAHO	3 600	29 000	62	193
	12 HD NO 18	S FK BOISE	IDAHO	3 300	25 500	NA	208
	12 HD NO 16	S FK BOISE	IDAHO	4 400	34 000	NA	860
	DUNCAN FERRY	OWYHEE	IDAHO	14 000	60 000	NA	NA
	GUFFEY	SNAKE	IDAHO	85 000	504 400	27	104
	SWAN FALLS	SNAKE	IDAHO	10 265-	96 000	U	24
	DIKE	SNAKE	IDAHO	60 000	280 000	NA	60
	CANYON CR	S FK BOISE DIV	IDAHO	25 000	100 000	NA	327
	BLISS	SNAKE	IDAHO	25 000	0	U	70
	UPPER BLISS	SNAKE	IDAHO	100 000	380 000	NA	78
	LOWER SALMON	SNAKE	IDAHO	15 000	0	U	59
	THOUSAND SPRINGS	SNAKE	IDAHO	150 000	466 000	300	174
	CONE	SNAKE	IDAHO	80 000	350 000	25	150
	12 GR NO 2	SNAKE	IDAHO	6 800	60 000	NA	200
	DRY CREEK	SNAKE	IDAHO	4 700	41 000	NA	161
	EAGLE ROCK	SNAKE	IDAHO	30 000	167 000	NA	47
	AMERICAN FALLS	SNAKE	IDAHO	30 000	120 000	1 700	107
	SHELLEY	SNAKE	IDAHO	4 700	39 000	NA	28
	FREMONT	TETON	IDAHO	22 000	75 500	200	291
	FALLS RIVER	FALLS	IDAHO	14 600	117 000	NA	500
	ASHTON	HENRYS FORK	IDAHO	12 000	69 000	40	87
	ASHTON	HENRYS FORK	IDAHO	5 800-	33 000-	U	48
	WARM RIVER	HENRYS FORK	IDAHO	30 000	163 000	75	215
	MESA FALLS	HENRYS FORK	IDAHO	15 000	120 000	NA	270
	BURNS CREEK	SNAKE	IDAHO	90 000	490 000	117	150
	ELBOW	GREYS	WYO	14 000	49 000	310	308
	SNAKE NARROWS	GREYS	WYO	270 000	992 500	878	416
	GRANITE CREEK	HOBACK	WYO	16 000	55 000	403	300
				14 534 635	49 985 900		
	YAKIMA RIVER BASIN						
	LOWER WAPATO	SIMCOE CR	WASH	25 000	103 000	NA	613
	UPPER WAPATO	SIMCOE CR	WASH	41 600	167 000	NA	1 000
	TIETON DIVERSION	TIETON	WASH	12 700	56 000	NA	441
	BELOW ELEV 1765	NACHES	WASH	7 300	61 000	NA	145
	RATTLESNAKE CREEK	NACHES	WASH	10 000	84 000	NA	207
	ELEV 2265	NACHES	WASH	14 000	118 000	NA	293
	BUMPING RIVER	NACHES	WASH	12 000	104 000	NA	275
	BELOW AMERICAN R	BUMPING	WASH	6 200	52 000	NA	178
	ELEV 3165	BUMPING	WASH	7 000	61 000	66	447
	BLW PLEASANT VLY	AMERICAN	WASH	10 700	94 000	73	662

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED BY Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
YAKIMA RIVER BASIN (CONTINUED)							
	TEANAWAY DAM	YAKIMA	WASH	16 000	59 000	NA	80
	BELOW BIG SALMON	CLE ELUM	WASH	4 100	34 000	NA	138
	ELEV 2545	CLE ELUM	WASH	4 600	38 000	NA	155
	COOPER LAKE DIVR	W FK CLE ELUM	WASH	3 000	25 000	42	318
	WAPTUS LAKE DIVR	N FK CLE ELUM	WASH	3 000	25 000	31	467
	FISH LAKE DIVR	N FK CLE ELUM	WASH	5 900	52 000	29	845
				183 100	1 133 000		
	COLUMBIA MAIN STREAM						
A	PRIEST RAPIDS	COLUMBIA	WASH	473 100	730 000	44	76
A	WANAPUM	COLUMBIA	WASH	581 875	2 014 000	144	88
A	ROCK ISLAND	COLUMBIA	WASH	36 900	43 100	5	49
				1 091 875	2 700 900		
	WENATCHEE RIVER BASIN						
	ABOVE ELEV 612	WENATCHEE	WASH	12 400	103 000	NA	83
	ABOVE ELEV 695	WENATCHEE	WASH	32 000	270 000	NA	210
	DRYDEN	WENATCHEE	WASH	15 000	100 000	NA	NA
	BELOW ELEV 1110	WENATCHEE	WASH	24 000	200 000	NA	143
	ABOVE ELEV 1110	ICICLE CR	WASH	5 300	38 000	NA	286
	8 MILE FLAT DIVR	ICICLE CR	WASH	13 500	96 000	U	704
	EIGHTMILE CREEK	ICICLE CR	WASH	8 300	60 000	NA	585
	LEAVENWORTH	WENATCHEE	WASH	180 000	670 000	15	580
	PLAIN	WENATCHEE	WASH	40 000	140 000	1 160	208
	BEAVER CREEK	WENATCHEE	WASH	17 386	NA	32	60
	CHIWAWA	CHIWAWA	WASH	26 000	92 000	205	564
	WHITE RIVER	WHITE	WASH	4 500	32 000	37	355
				378 386	1 801 000		
A	COLUMBIA MAIN STREAM ROCKY REACH	COLUMBIA	WASH	406 600 406 600	1 700 000 1 700 000	37	98
	ENTIAT RIVER BASIN ENTIAT DIVERSION	ENTIAT	WASH	3 600 3 600	27 000 27 000	NA	358
A	CHELAN RIVER BASIN						
	CHELAN	CHELAN	WASH	48 000	136 700	676	409
	RAILROAD CREEK	RAILROAD CR	WASH	7 800	65 000	28	1 155
	STEHEKIN	STEHEKIN	WASH	14 800	100 000	NA	405
	AGNES CREEK	STEHEKIN	WASH	14 700	100 000	NA	555
				85 300	401 700		
	COLUMBIA MAIN STREAM WELLS	COLUMBIA	WASH	705 850	4 500 000	58	76
	WELLS 4/	COLUMBIA	WASH	68 4004/	0	58	76
				774 250	4 500 000		
	OKANOGAN RIVER BASIN SIMILKAMEEN	SIMILKAMEEN	WASH	84 000 84 000	180 000 180 000	1 310	244
A	COLUMBIA MAIN STREAM CHIEF JOSEPH	COLUMBIA	WASH	704 000	1 761 000	NA	179
A	GRAND COULEE	COLUMBIA	WASH	3 600 000 4 304 000	7 120 000 8 881 000	5 232	343
	SPOKANE RIVER BASIN						
A	LITTLE FALLS	SPOKANE	WASH	4 000	27 000	U	76
A	LONG LAKE	SPOKANE	WASH	14 000	80 000	105	171
A	NINE MILE	SPOKANE	WASH	16 000	70 000	5	65
	BOWL AND PITCHER	SPOKANE	WASH	60 000	290 000	NA	85
A	MONROE STREET	SPOKANE	WASH	23 800	141 000	U	68
A	UPPER FALLS	SPOKANE	WASH	16 000	84 000	U	64
A	UP RIVER	SPOKANE	WASH	9 100	59 000	NA	35
	CROSSING	SPOKANE	WASH	8 800	69 000	NA	45
A	POST FALLS	SPOKANE	IDAHO	10 750	55 000	225	56
	ENAVILLE	COEUR D ALENE	IDAHO	60 000	175 000	700	272
	TEDDY CREEK	COEUR D ALENE	IDAHO	11 000	49 000	150	290
	AVERY	ST JOE	IDAHO	29 000	117 000	150	280
				262 450	1 216 000		
	MINOR RIVER BASINS						
	ORIENT	KETTLE	WASH	35 000	130 000	280	180
	CURLEW	KETTLE	WASH	9 000	35 000	157	150
	LOWER BIG SHEEP	BIG SHEEP CR	WASH	3 800	32 000	NA	520
				47 800	197 000		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
PEND OREILLE RIVER BASIN							
A	BOUNDARY	PEND OREILLE	WASH	826 500	3 500 000	42	262
	PRIEST NO 4	PRIEST	IDAHO	27 300	66 000	870	109
A	WEARE	BULL	MONT	2 200	8 800	149	100
	NOXON RAPIDS	CLARK FORK	MONT	70 720	64 000	334	152
A	THOMPSON FALLS	CLARK FORK	MONT	35 000	100 000	15	60
	EDDY	CLARK FK	MONT	192 000	580 000	NA	55
A	BUFFALO NO 4	FLATHEAD	MONT	120 000	300 000	668	164
	BUFFALO NO 2	FLATHEAD	MONT	120 000	300 000	NA	NA
A	KERR	FLATHEAD	MONT	56 000	70 000	1 217	187
	SWAN LAKE	SWAN	MONT	4 800	26 000	234	54
	CORAM	FLATHEAD	MONT	114 000	290 000	NA	108
	CANYON CREEK	N FK FLATHEAD	MONT	116 000	260 000	NA	154
	SMOKY RANGE	N FK FLATHEAD	MONT	220 000	510 000	1 510	350
	SPRUCE PARK	M FK FLATHEAD	MONT	88 000	330 000	400	860
	QUINN SPRINGS	CLARK FK	MONT	108 000	350 000	NA	120
	SUPERIOR	CLARK FK	MONT	36 000	115 000	NA	40
	QUARTZ CREEK	CLARK FK	MONT	104 000	350 000	NA	130
	PLATEAU	CLARK FK	MONT	40 000	127 000	NA	50
	BONNER	BLACKFOOT	MONT	22 300	86 000	U	165
	MCNAMARA	BLACKFOOT	MONT	38 000	70 000	NA	118
	NINEMILE PRAIRIE	BLACKFOOT	MONT	60 000	495 000	885	285
	OVANDO B	BLACKFOOT	MONT	19 400	75 000	950	250
	FINLEN	ROCK CR	MONT	14 100	55 000	124	210
	QUIGLEY	ROCK CR	MONT	14 300	56 000	78	240
	ATKINS	ROCK CR	MONT	9 000	35 000	248	174
	JOY	ROCK CR	MONT	10 500	41 000	252	234
	MOYIE CANYON	MOYIE	IDAHO	36 000	94 000	NA	213
	LOW KATKA	KOOTENAI	IDAHO	250 000	700 000	NA	102
	ONE MILE	YAAK	MONT	40 000	160 000	NA	325
	SIX MILE	YAAK	MONT	25 000	90 000	NA	200
	YAAK FALLS	YAAK	MONT	17 000	68 000	NA	140
	LONG MEADOWS	YAAK	MONT	25 000	60 000	400	192
	KOOTENAI FALLS	KOOTENAI	MONT	360 000	1 080 000	NA	160
	KOOTENAI RIVER	KOOTENAI	MONT	132 000	350 000	NA	60
	LIBBY	KOOTENAI	MONT	840 000	1 629 000	4 965	344
				4 195 120	12 490 800		
<u>COLUMBIA RIVER DRAINAGE TOTAL</u>				<u>34 148 991</u>	<u>115 988 900</u>		
<u>OREGON COASTAL RIVER DRAINAGE</u>							
NEHALEM RIVER BASIN							
	STONEHILL	NEHALEM	OREG	9 000	38 000	NA	40
	NEHALEM FALLS	NEHALEM	OREG	18 000	80 000	NA	83
	WAKEFIELD	NEHALEM	OREG	13 000	58 000	NA	62
	SALMONBERRY	NEHALEM	OREG	20 000	85 000	NA	100
	SPRUCE RUN	NEHALEM	OREG	17 000	73 000	NA	90
	ELSIE	NEHALEM	OREG	25 000	130 000	700	165
				102 000	464 000		
MINOR RIVER BASINS							
	12 RA NO 39	WILSON	OREG	4 200	27 400	NA	145
	CEDAR CREEK	WILSON	OREG	18 000	96 000	250	260
	GINGER PEAK	TRASK	OREG	19 520	68 000	100	250
	CLEAR CREEK	N FK TRASK	OREG	5 330	13 000	35	200
	BLAINE	NESTUCCA	OREG	15 000	70 000	150	260
	MEADOW LAKE	NESTUCCA	OREG	4 000	27 000	15	870
	EUCHRE CREEK	SILETZ	OREG	14 200	117 000	NA	255
	SUNSHINE CREEK	SILETZ	OREG	20 800	150 000	41	345
	THE FALLS	SILETZ	OREG	20 000	100 000	150	300
	TIDEWATER	ALSEA	OREG	10 000	35 000	NA	70
	SCOTT MOUNTAIN	ALSEA	OREG	40 000	200 000	NA	270
	12 RA NO 6	SIUSLAW	OREG	10 000	42 000	NA	70
	TRIANGLE LAKE	LAKE CR	OREG	5 000	35 000	72	285
	12 RA NO 5	SIUSLAW	OREG	22 000	103 000	NA	180
	AUSTA	SIUSLAW	OREG	20 000	68 000	450	220
	12 RB NO 1	SMITH	OREG	5 400	24 000	40	320
				235 450	1 175 400		
UMPQUA RIVER BASIN							
	LOON LAKE DIVR	MILL CR	OREG	6 500	54 000	100	385
	SCOTTSBURG	UMPQUA	OREG	38 100	290 000	85	100
	KELLEYS SMITH FY	UMPQUA	OREG	30 800	240 000	32	85
	KELLOGG	UMPQUA	OREG	23 500	196 000	NA	70

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
R	UMPQUA RIVER BASIN (CONTINUED)						
	WOLF CREEK	UMPQUA	OREG	37 000	300 000	422	145
	WINCHESTER	NORTH UMPQUA	OREG	13 400	89 000	12	80
	WINCHESTER	NORTH UMPQUA	OREG	500-	3 900-	NA	14
	OAK CREEK	NORTH UMPQUA	OREG	11 300	86 000	14	70
	HORSESHOE BEND	NORTH UMPQUA	OREG	14 000	98 000	16	90
	GLIDE	NORTH UMPQUA	OREG	9 000	62 000	14	60
	ROCK CREEK	NORTH UMPQUA	OREG	51 000	260 000	NA	219
	BOUNDARY	NORTH UMPQUA	OREG	44 000	216 000	NA	187
	STEAMBOAT	NORTH UMPQUA	OREG	16 300	113 000	19	190
	COPELAND DIV	NORTH UMPQUA	OREG	24 300	175 000	25	290
	LAKE CREEK NO 1	LAKE CR	OREG	5 000	13 000	30	480
	DILLARD	SOUTH UMPQUA	OREG	3 600	26 000	NA	60
	MYRTLE CREEK	SOUTH UMPQUA	OREG	3 900	28 000	NA	70
	RIDDLE DIVERSION	SOUTH UMPQUA	OREG	5 800	44 000	NA	125
	TILLER DIVERSION	SOUTH UMPQUA	OREG	6 200	40 000	NA	160
				343 200	2 326 100		
B	MINOR RIVER BASINS						
	LOWER COOS RIVER	COOS	OREG	30 000	130 000	NA	400
	TIOGA FORK	COOS	OREG	20 000	100 000	200	300
	FAIRVIEW	N FK COQUILLE	OREG	4 500	36 000	800	200
	12 RC NO 6A	E FK COQUILLE	OREG	7 400	60 000	NA	400
	12 RC NO 5	M FK COQUILLE	OREG	4 600	38 000	NA	720
	EDEN RIDGE	S FK COQUILLE	OREG	77 000	197 000	110	1 803
				143 500	561 000		
	ROGUE RIVER BASIN						
	COPPER CANYON	ROGUE	OREG	300 000	1 140 000	600	450
A	BUZZARDS ROOST	ILLINOIS	OREG	250 000	767 000	680	550
	KERBY	ILLINOIS	OREG	9 400	51 000	465	180
	RAMSEY FALLS	ROGUE	OREG	100 000	430 000	140	300
	APPLEGATE NO 2	APPLEGATE	OREG	3 000	23 200	U	90
	APPLEGATE NO 1	APPLEGATE	OREG	9 000	43 000	7	206
	AMENT	ROGUE	OREG	4 800	28 400	NA	30
	GOLD HILL	ROGUE	OREG	10 500	62 000	NA	65
	LOST CREEK	ROGUE	OREG	52 000	337 200	315	348
	CASCADE	ROGUE	OREG	25 100	160 000	NA	282
	PROSPECT NO 2	N FK ROGUE	OREG	16 000	58 000	U	607
	RITER CREEK	ROGUE	OREG	9 600	60 000	U	200
	TOP CREEK	ROGUE	OREG	6 800	41 000	U	140
	UNION CREEK	ROGUE	OREG	12 000	74 000	NA	280
	CASTLE CREEK	ROGUE	OREG	8 500	52 000	NA	200
				816 700	3 326 800		
	<u>OREGON COASTAL DRAINAGE TOTAL</u>			<u>1 638 850</u>	<u>7 853 300</u>		
	<u>NORTH PACIFIC MAJOR DRAINAGE TOTAL</u>			<u>38 519 985</u>	<u>137 910 600</u>		
	<u>SOUTH PACIFIC MAJOR DRAINAGE</u>						
	<u>NORTHERN CALIFORNIA COASTAL RIVER DRAINAGE</u>						
	SMITH RIVER BASIN						
	GASTQUET	N FK SMITH	CALIF	50 000	200 000	NA	400
	ROCKLAND	N FK SMITH	CALIF	40 000	200 000	300	450
	DIAMOND CREEK						
		DIAMOND CR	CALIF	10 000	60 000	NA	1 000
				100 000	460 000		
	KLAMATH RIVER BASIN						
	ELTAPOM	S FK TRINITY	CALIF	52 000	266 000	980	324
	HAY FORK	HAY FORK	CALIF	26 000	132 000	80	680
	SULPHUR GLADE	S FK TRINITY	CALIF	94 000	355 000	435	1 007
	HELENA	TRINITY	CALIF	42 000	250 000	2 670	468
	TRINITY	TRINITY	CALIF	100 000	350 000	2 160	472
	MOREHOUSE	SALMON	CALIF	90 000	345 000	370	560
	RUSSIANVILLE	N FK SALMON	CALIF	7 500	30 000	26	645
	MATTHEWS	S FK SALMON	CALIF	13 000	44 000	25	640
	HAPPY CAMP	KLAMATH	CALIF	135 000	790 000	3 490	NA
	HAMBURG	KLAMATH	CALIF	67 000	380 000	1 570	388
	SCOTT VALLEY	SCOTT	CALIF	50 000	200 000	110	740

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
KLAMATH RIVER BASIN (CONTINUED)							
R	WARM SPRINGS	KLAMATH	CALIF	30 500	170 000	NA	187
	SALT CAVES	KLAMATH	OREG	76 500	400 000	U	411
	BEAR SPRINGS	KLAMATH	OREG	20 000	100 000	U	131
	KENO	KLAMATH	OREG	42 000	225 000	U	297
	ASPEN LAKE	KLAMATH	OREG	36 000	150 000	NA	NA
				881 500	4 187 000		
MAD RIVER BASIN							
	ESSEX	MAD	CALIF	10 000	50 000	U	70
	CANYON CREEK	MAD	CALIF	12 000	68 000	25	150
	BUTLER VALLEY	MAD	CALIF	10 000	44 000	55	95
	GOLD ROCK	MAD	CALIF	15 000	78 000	U	274
	BIG BEND	MAD	CALIF	60 000	300 000	U	1 260
	PILOT CREEK	MAD	CALIF	10 000	50 000	U	270
				117 000	590 000		
EEL RIVER BASIN							
	BRIDGEVILLE	VAN DUZEN	CALIF	40 000	200 000	U	615
	FORKS	VAN DUZEN	CALIF	30 000	140 000	10	564
	YAGER CREEK	YAGER CR	CALIF	7 000	30 000	117	156
	DYERVILLE	EEL	CALIF	12 000	75 000	45	45
	TUTTLE	EEL	CALIF	40 000	200 000	356	220
	HOLLOW TREE	S FK EEL	CALIF	20 000	90 000	98	210
	BRANSCOMB	S FK EEL	CALIF	8 000	35 000	44	610
	SEQUOIA	EEL	CALIF	40 000	240 000	U	500
	MINA	N FK EEL	CALIF	14 900	103 000	U	410
	HULL CREEK	HULL CR	CALIF	14 900	123 000	NA	1 300
	CASOOSE CREEK	CASOOSE CR	CALIF	14 900	120 000	128	1 340
	ETSEL	M FK EEL	CALIF	25 200	166 000	1 040	365
				266 900	1 522 000		
RUSSIAN RIVER BASIN							
	EAST FORK	E FK RUSSIAN	CALIF	7 000	59 000	NA	134
	NEW POTTER VALLEY	S FK EEL DIV	CALIF	36 000	250 000	1 000	565
	POTTER VALLEY	S FK EEL DIV	CALIF	9 040	61 000	U	476
				33 960	248 000		
NORTHERN CALIFORNIA COASTAL RIVER DRAINAGE TOTAL				1 399 360	7 007 000		
SACRAMENTO RIVER DRAINAGE							
PUTAH CREEK BASIN							
	MONTECELLO AFTBAY	PUTAH CR	CALIF	10 800	83 000	14	70
	MONTECELLO	PUTAH CR	CALIF	100 000	410 000	1 540	230
	SNELL	PUTAH CR	CALIF	110 000	410 000	U	210
	NOYES	PUTAH CR	CALIF	130 000	450 000	U	247
	JERUSALEM	PUTAH CR	CALIF	75 000	250 000	U	139
	STIENHART	SODA CR	CALIF	137 000	520 000	U	272
				562 800	2 123 000		
AMERICAN RIVER BASIN							
	SALMON FALLS	S FK AMERICAN	CALIF	12 000	40 000	NA	74
	COLOMA	S FK AMERICAN	CALIF	45 000	130 000	470	310
	CHILI BAR	S FK AMERICAN	CALIF	7 000	42 000	U	69
	WHITE ROCK	S FK AMERICAN	CALIF	150 000	485 000	U	870
	WHITE ROCK 2/	S FK AMERICAN	CALIF	50 000	11 000	U	870
	AMERICAN RIVER	S FK AMERICAN	CALIF	5 477	29 600	U	573
	CAMINO	SILVER CREEK DIV	CALIF	71 250	106 000	U	1 067
	UNION VALLEY	SILVER CR	CALIF	33 250	96 000	265	439
	JONES FORK	S FK SILVER CR D	CALIF	10 000	22 000	46	580
	ROBBS PEAK	RUBICON DIV	CALIF	23 000	58 000	U	406
	ALDER CREEK	ALDER CR	CALIF	20 000	105 000	79	1 445
	KYBURZ	S FK AMERICAN	CALIF	20 000	120 000	63	1 055
	ALBURN	N FK AMERICAN	CALIF	400 000	526 000	2 131	690
	OXBOW	M FK AMERICAN	CALIF	6 000	33 000	U	89
	RALSTON	M FK AMERICAN DV	CALIF	79 200	306 000	U	1 344
	LOON LAKE NO 2	LIT S FK RUBICON	CALIF	12 000	35 000	U	377
	LOON LAKE NO 1	LOON LAKE DIV	CALIF	24 000	64 000	73	815
	MIDDLE FORK	RUBICON DIV	CALIF	109 800	425 000	203	2 096
	FRENCH MEADOWS	M FK AMERICAN DIV	CALIF	15 300	56 000	125	655
	INDIAN CREEK	N FK AMERICAN	CALIF	10 000	40 000	10	400
	COLFAX NO 3	N FK AMERICAN	CALIF	25 000	99 000	NA	695
	PIONEER NO 2	N FK AMERICAN	CALIF	15 000	59 000	NA	805
				1 134 323	2 828 400		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
FEATHER RIVER BASIN						
ROLLINS	BEAR	CALIF	11 000	58 000	74	240
DUTCH FLAT NO 2	BEAR	CALIF	22 800	24 200	U	591
CHICAGO PARK	BEAR	CALIF	36 300	123 000	U	480
DRUM NO 2	S FK YUBA DIV	CALIF	44 100	35 000	U	1 379
MARYSVILLE	YUBA	CALIF	50 000	180 000	775	200
NEW NARROWS	YUBA	CALIF	41 000	173 000	46	240
NARROWS	YUBA	CALIF	9 350-	72 000-	45	240
JONES BAR	S FK YUBA	CALIF	23 700	78 000	NA	775
DEVILS SLIDE	S FK YUBA	CALIF	33 600	100 000	NA	935
LAKE VALLEY	S FK YUBA	CALIF	17 500	82 000	35	812
NEW COLGATE	N FK YUBA DIV	CALIF	122 000	490 000	U	793
NEW BULLARDS BAR	N FK YUBA	CALIF	132 000	350 000	670	605
BULLARDS BAR	N FK YUBA	CALIF	6 500-	39 600-	10	166
WAMBO	N FK YUBA	CALIF	57 900	120 000	36	413
INDIAN VALLEY	N FK YUBA	CALIF	47 700	110 000	NA	NA
DOWNEVILLE	N FK YUBA	CALIF	32 800	135 000	U	1 336
SARDINE UNIT	N FK YUBA	CALIF	13 000	102 000	27	1 659
THERMALITO	FEATHER	CALIF	63 600	329 000	NA	103
OROVILLE	FEATHER	CALIF	702 000	1 800 000	1 977	615
BALD ROCK 5	M FK FEATHER	CALIF	75 000	347 000	U	723
HARTMAN 4	M FK FEATHER	CALIF	54 000	275 000	U	775
DOGWOOD 3	M FK FEATHER	CALIF	36 000	175 000	1	582
MINERVA 2	M FK FEATHER	CALIF	40 000	173 000	U	710
NELSON POINT 1	M FK FEATHER	CALIF	20 000	75 000	104	360
BIG BEND 6/	N FK FEATHER	CALIF	52 800-	490 000-	U	465
SWAYNE	N FK FEATHER	CALIF	84 000	300 000	394	1 450
BELDEN	N FK FEATHER	CALIF	117 000	348 000	U	770
YELLOW CREEK	YELLOW CR	CALIF	25 000	164 000	100	1 905
MILL CREEK	E BR N FK DIV	CALIF	17 500	70 000	10	NA
EAST BRANCH	E BR N FK FEATHR	CALIF	16 500	60 000	U	NA
SPANISH CREEK	SPANISH CR	CALIF	20 000	80 000	16	NA
SQUAW QUEEN	LAST CHANCE CR	CALIF	14 000	52 000	104	1 680
UPPER INDIAN CR 1	INDIAN CR	CALIF	18 750	80 000	NA	NA
UPPER INDIAN CR 2	INDIAN CR	CALIF	7 500	30 000	NA	NA
MEADOW VALLEY	SPANISH CR	CALIF	125 000	500 000	735	1 675
			2 052 600	6 416 600		
MINOR RIVER BASINS						
CENTERVILLE	BUTTE CREEK	CALIF	24 000	140 000	9	590
CENTERVILLE	BUTTE CREEK	CALIF	6 400-	43 800-	U	577
NEWVILLE	N FK STONEY CR	CALIF	8 500	33 000	850	188
DEER CREEK NO 4	BRUSH CR	CALIF	5 500	30 000	U	198
DEER CREEK NO 3	DEER CR	CALIF	35 400	174 000	NA	1 070
DEER CREEK NO 2	DEER CR	CALIF	27 100	135 000	NA	828
DEER CREEK NO 1	DEER CR	CALIF	29 200	118 000	156	1 618
			123 300	586 200		
SACRAMENTO MAIN STREAM						
ANTELOPE CREEK 3	ANTELOPE CR	CALIF	5 700	32 000	NA	342
ANTELOPE CREEK 1	S FK ANTELOPE DV	CALIF	6 500	46 000	8	1 150
TABLE MOUNTAIN	SACRAMENTO	CALIF	54 000	287 000	855	124
			66 200	365 000		
WEST SIDE CANAL BASIN						
DUNNIGAN	WEST SIDE CANAL	CALIF	76 000	600 000	NA	68
WILLOWS	WEST SIDE CANAL	CALIF	90 000	700 000	NA	80
			166 000	1 300 000		
MINOR RIVER BASINS						
COTTONWOOD	SACRAMENTO DIV	CALIF	400 000	1 500 000	NA	120
FIDDLERS	M FK COTTONWOOD	CALIF	8 000	45 000	270	300
			408 000	1 545 000		
CLEAR CREEK BASIN						
SAELTZER	CLEAR CR	CALIF	330 000	1 100 000	6	148
KANAKA	CLEAR CR	CALIF	1 025 000	3 400 000	105	473
			1 355 000	4 500 000		
SACRAMENTO MAIN STREAM						
SPRING CREEK PH	CLEAR CREEK DIV	CALIF	150 000	500 000	217	646
			150 000	500 000		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
PIT RIVER BASIN							
	BIG SPRINGS NO 3	MCCLOUD	CALIF	31 000	65 000	U	297
	UPPER FALLS	MCCLOUD	CALIF	18 000	79 000	U	450
	PIT NO 7	PIT	CALIF	104 400	481 000	16	205
	PIT NO 6	PIT	CALIF	79 200	337 000	12	155
	MCCLOUD-PIT	MCCLOUD DIV	CALIF	154 800	528 000	23	1 227
	SUGAR LOAF	HAT CR	CALIF	5 000	42 000	NA	595
	PIT NO 2	PIT	CALIF	14 000	95 000	NA	103
				406 400	1 627 000		
<u>SACRAMENTO RIVER DRAINAGE TOTAL</u>				<u>6 424 623</u>	<u>21 791 200</u>		
SAN JOAQUIN RIVER DRAINAGE							
MOKELUMNE RIVER BASIN							
	NASHVILLE	COSUMNES	CALIF	30 000	100 000	440	465
	COMANCHE	MOKELUMNE	CALIF	6 000	30 000	212	107
	MIDDLE BAR	MOKELUMNE	CALIF	18 000	90 000	46	115
				54 000	220 000		
CALAVERAS RIVER BASIN							
	JESUS MARIA	JESUS MARIA CR	CALIF	10 000	56 000	NA	1 200
				10 000	56 000		
STANISLAUS RIVER BASIN							
R A	NEW MELONES	STANISLAUS	CALIF	150 000	433 000	2 090	583
	MELONES	STANISLAUS	CALIF	24 300	102 300	102	230
	PHOENIX	S FK STANISLS DIV	CALIF	13 000	52 000	U	1 087
	STANISLAUS NO 2	M FK STANISLAUS	CALIF	40 000	193 000	U	1 525
	COLLIERVILLE	N FK STANISLS DIV	CALIF	161 000	524 000	U	2 255
	SAND BAR	M FK STANISLAUS	CALIF	21 600	122 000	U	220
	DARDANELLES	M FK STANISLAUS	CALIF	6 000	42 000	28	500
	BIG TREES	N FK STANISLAUS	CALIF	50 000	142 000	160	776
	BOARDS CROSSING	N FK STANISLAUS	CALIF	85 000	229 000	58	1 683
	SAND FLAT	HIGHLAND CR DIV	CALIF	25 000	62 000	128	741
	MORAN CREEK	MORAN CR	CALIF	6 000	33 000	U	575
				533 300	1 729 700		
TUOLUMNE RIVER BASIN							
R A	NEW DON PEDRO	TUOLUMNE	CALIF	130 400	617 000	1 721	530
	DON PEDRO	TUOLUMNE	CALIF	26 990	200 000	262	261
	MOCCASIN CREEK	TUOLUMNE DIV	CALIF	30 000	17 000	U	1 316
	BIG HUMBURG CREEK	TUOLUMNE	CALIF	8 000	55 000	U	233
	MOUTH OF CLAVEY	TUOLUMNE	CALIF	9 500	62 000	U	265
	CLAVEY R DIVR	TUOLUMNE	CALIF	13 500	100 000	65	1 935
	SOUTH FORK P H 1	S FK TUOLUMNE	CALIF	13 000	32 000	41	824
	EARLY INTAKE 2/ CANYON	CHERRY CR	CALIF	3 600	0	U	343
		TUOLUMNE	CALIF	67 500	572 000	310	1 452
			241 310	1 255 000			
MERCED RIVER BASIN							
R R	SNELLING	MERCED	CALIF	25 000	73 000	190	98
	MERCED FALLS	MERCED	CALIF	3 440	14 000	U	26
	NEW EXCHEQUER	MERCED	CALIF	80 000	363 000	1 010	462
	EXCHEQUER	MERCED	CALIF	31 250	128 500	276	300
	BAGBY	MERCED	CALIF	50 000	204 000	360	432
	SNOW CREEK	SNOW CR	CALIF	15 000	50 000	55	1 150
			135 310	547 500			
SAN JOAQUIN MAIN STREAM							
A	BIG CREEK NO 3	SAN JOAQUIN	CALIF	50 000	221 000	U	827
	WEST SIDE PP 8A	SAN JOAQUIN	CALIF	36 000	315 000	U	715
	CHIKUITO	CHIKUITO CR DIV	CALIF	30 000	123 000	75	1 670
	FORKS	SAN JOAQUIN	CALIF	35 000	150 000	35	570
			151 000	809 000			
MINOR RIVER BASINS							
	MILLER BRIDGE	M FK SAN JOAQUIN	CALIF	30 000	140 000	25	900
				30 000	140 000		
<u>SAN JOAQUIN RIVER DRAINAGE TOTAL</u>				<u>1 154 920</u>	<u>4 757 200</u>		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
<u>CALIFORNIA BASIN DRAINAGE</u>							
<u>KINGS RIVER BASIN</u>							
	PIEDRA AFTERBAY	KINGS	CALIF	12 500	52 300	6	45
	PINE FLAT	KINGS	CALIF	150 000	300 000	904	386
	KELLERS RANCH	KINGS	CALIF	120 000	270 000	250	450
	KINGS RIVER	DINKEY CR	CALIF	10 000	56 000	NA	790
	ROSS	DINKEY CR	CALIF	25 000	123 000	NA	1 800
	DINKEY CREEK	DINKEY CR	CALIF	25 000	103 000	60	1 850
	COURTRIGHT HELMS	HELMS CR DIV	CALIF	41 000	170 000	123	1 634
	JUNCTION	KINGS	CALIF	70 000	260 000	14	880
	CEDAR GROVE	S FK KINGS	CALIF	60 000	300 000	U	2 140
	PARADISE VALLEY	S FK KINGS	CALIF	40 000	220 000	55	2 048
	TEHIPITE	M FK KINGS	CALIF	50 000	250 000	U	1 740
	SIMPSON MEADOW	M FK KINGS	CALIF	60 000	370 000	150	1 844
				663 500	2 474 300		
<u>MINOR RIVER BASINS</u>							
	TERMINUS	KAWEAH	CALIF	10 000	40 000	100	174
				10 000	40 000		
<u>KERN RIVER BASIN</u>							
A	KERN CANYON	KERN	CALIF	23 520	80 000	U	260
A	KERN RIVER NO 1	KERN	CALIF	5 000	50 000	U	877
A	BOREL	KERN	CALIF	7 000	34 000	492	270
	ONYX	S FK KERN	CALIF	15 000	69 000	U	1 720
	ROCKHOUSE	S FK KERN	CALIF	10 000	38 000	72	990
	KERN RIVER NO 8	S FK KERN	CALIF	5 000	38 000	U	460
	MONACHE	S FK KERN	CALIF	10 000	52 000	25	1 660
A	KERN RIVER NO 3	KERN	CALIF	28 000	150 000	U	821
	JUNCTION	KERN	CALIF	60 000	350 000	100	1 040
	LITTLE KERN	KERN	CALIF	40 000	236 000	25	955
	KERN LAKE	KERN	CALIF	25 000	180 000	47	950
				228 520	1 277 000		
<u>CALIFORNIA BASIN DRAINAGE TOTAL</u>				<u>902 020</u>	<u>3 791 300</u>		
<u>SOUTHERN CALIFORNIA COASTAL RIVER DRAINAGE</u>							
<u>MINOR RIVER BASINS</u>							
	SESPE 3 PLANTS	SESPE CR	CALIF	23 000	70 000	U	1 610
	LAKE WOHLFORD	ESCONDIDO CR	CALIF	133	1 000	U	200
				23 133	71 000		
<u>SOUTHERN CALIFORNIA COASTAL RIVER DRAINAGE TOTAL</u>				<u>23 133</u>	<u>71 000</u>		
<u>SOUTH PACIFIC MAJOR DRAINAGE TOTAL</u>				<u>9 904 056</u>	<u>37 417 700</u>		
<u>COLORADO MAJOR DRAINAGE</u>							
<u>GILA RIVER BASIN</u>							
	GRANITE REEF	GRANITE REEF AQU	ARIZ	3 500	16 340	NA	113
	AGUA FRIA	GRANITE REEF AQU	ARIZ	3 000	13 600	NA	94
	HORSE SHOE	VERDE	ARIZ	10 000	40 000	212	175
	LIVINGSTON	SALT	ARIZ	11 500	72 000	U	150
	GLEASON FLAT	SALT	ARIZ	43 500	280 000	200	625
	MULE HOOF	SALT	ARIZ	13 500	75 000	U	200
	WALNUT CANYON	SALT	ARIZ	25 200	136 000	5	375
	NOB	SALT	ARIZ	28 500	136 000	200	440
	BUTTES	GILA	ARIZ	6 000	25 000	100	178
				144 700	793 940		
<u>ALL AMERICAN CANAL</u>							
A	DROP NO 5	ALL AMERICAN CAN	CALIF	5 000	24 000	U	24
	DROP NO 3	ALL AMERICAN CAN	CALIF	4 800	49 000	U	25
				9 800	73 000		
<u>COLORADO MAIN STREAM HEADGATE ROCK</u>							
		COLORADO	ARIZ	26 000	135 000	U	23
				26 000	135 000		
<u>VIRGIN RIVER BASIN</u>							
R	LA VERKIN NO 4	VIRGIN	UTAH	1 000-	5 000-	U	216
	WARNER	DIXIE MAIN CANAL	UTAH	5 600	20 000	U	472
	BENCH LAKE	DIXIE MAIN CANAL	UTAH	2 000	8 500	U	123
	VIRGIN	VIRGIN	UTAH	5 600	20 000	201	274
				12 200	43 500		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
COLORADO MAIN STREAM	COLORADO	ARIZ	1 500 000	5 362 000	2 490	646
BRIDGE CANYON	COLORADO	ARIZ	1 505 000	5 650 000	NA	965
KANAB CREEK			3 005 000	11 012 000		
LITTLE COLORADO RIVER	BASIN					
BLUE RIDGE	EAST CLEAR CR	ARIZ	2 800	15 000	NA	936
			2 800	15 000		
COLORADO MAIN STREAM	COLORADO	ARIZ	510 000	2 200 000	100	293
MARBLE CANYON	COLORADO	ARIZ	900 000	4 600 000	20 876	570
GLEN CANYON			1 410 000	6 800 000		
SAN JUAN RIVER BASIN						
SLICK HORN CANYON	SAN JUAN	UTAH	62 000	270 000	100	208
GOOSENECKS	SAN JUAN	UTAH	51 000	223 000	300	177
BLUFF	SAN JUAN	UTAH	85 000	460 000	3 900	354
NAVAJO	SAN JUAN	N MEX	24 000	49 000	1 104	370
ANIMAS GORGE	ANIMAS	COLO	13 500	110 000	U	625
LIME CREEK	ANIMAS	COLO	70 000	294 000	48	1 155
HOWARDSVILLE	ANIMAS	COLO	12 000	52 000	45	542
EMERALD LAKES	PINE DIV FLINT	COLO	26 000	108 000	20	1 973
			343 500	1 568 000		
GREEN RIVER BASIN						
MEXICAN BEND	SAN RAFAEL	UTAH	7 400	39 000	NA	245
BLACK BOX CANYON	SAN RAFAEL	UTAH	18 000	94 000	147	600
COTTONWOOD	COTTONWOOD CR	UTAH	7 000	24 500	57	780
GRAY CANYON	GREEN	UTAH	400 000	1 100 000	1 660	470
RANGELY	WHITE	COLO	6 300	55 000	920	180
UPPER WHITEROCKS	WHITEROCK CR	UTAH	7 300	55 000	6	1 200
UINTAH RIVER	UINTAH	UTAH	9 600	75 000	U	1 500
UPPER WEST FORK	LAKE FK	UTAH	4 600	35 000	5	800
YELLOWSTONE	YELLOWSTONE CR	UTAH	16 000	60 000	U	1 500
YELLOWSTONE	YELLOWSTONE CR	UTAH	1 050-	6 500-	U	250
ROCK CREEK	ROCK CR	UTAH	7 500	54 000	10	1 200
SPLIT MOUNTAIN	GREEN	UTAH	85 000	440 000	35	315
ECHO PARK	GREEN	COLO	200 000	720 000	5 460	520
LILY PARK	YAMPA	COLO	7 500	39 000	30	70
SLATER FALLS	SLATER FK	COLO	7 500	43 000	125	454
CROSS MOUNTAIN	YAMPA	COLO	60 000	330 000	4 200	440
FLAMING GORGE	GREEN	UTAH	36 000	160 000	3 516	446
FONTENELLE	GREEN	WYO	10 000	51 000	155	117
			888 650	3 368 000		
COLORADO MAIN STREAM	COLORADO	UTAH	110 000	480 000	111	138
MOAB	COLORADO	UTAH	180 000	600 000	6 200	325
DEWEY			290 000	1 280 000		
DOLORIS RIVER BASIN						
SAWPIT	SAN MIGUEL	COLO	3 400	25 000	NA	490
			3 400	25 000		
GUNNISON RIVER BASIN						
WHITESTAR	GUNNISON	COLO	48 000	250 000	470	240
OURAY NO 3	UNCOMPAGHGRE	COLO	4 000	25 000	U	475
OURAY NO 2	UNCOMPAGHGRE	COLO	5 000	28 600	U	750
OURAY NO 1	UNCOMPAGHGRE	COLO	7 000	37 000	17	1 130
CRYSTAL	GUNNISON	COLO	20 000	120 000	16	220
MORROW POINT	GUNNISON	COLO	120 000	350 000	42	405
BLUE MESA	GUNNISON	COLO	60 000	280 000	743	356
GATEVIEW	LAKE FK	COLO	4 200	32 000	NA	330
LAKE FORK	LAKE FK	COLO	7 500	41 000	30	380
ALMONT	TAYLOR	COLO	4 800	40 000	NA	300
SPRING CREEK	TAYLOR	COLO	7 000	56 000	NA	440
CRYSTAL CREEK	TAYLOR	COLO	7 200	60 000	106	315
			294 700	1 319 600		
MINOR RIVER BASINS						
ELECTRA	MEADOW CR	COLO	4 700	38 000	27	1 700
LOWER BEAR WALLOW	CANYON CR	COLO	3 000	25 000	47	452
UPPER BEAR WALLOW	CANYON CR	COLO	48 000	210 000	137	2 510
CARDIFF	ROARING FK	COLO	4 100	31 000	NA	94
RED CANYON	ROARING FK	COLO	4 700	36 000	NA	103

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
MINOR RIVER BASINS (CONTINUED)						
CRYSTAL RIVER	ROARING FK	COLO	6 300	48 000	NA	149
CARBONDALE	ROARING FK	COLO	6 200	48 000	NA	202
EMMA	ROARING FK	COLO	6 500	50 000	NA	222
BASALT	ROARING FK	COLO	3 700	28 000	NA	132
SNOWMASS CREEK	ROARING FK	COLO	4 500	36 000	NA	248
WOODY CREEK	ROARING FK	COLO	6 400	51 000	NA	450
CASTLE CREEK	ROARING FK	COLO	4 200	34 000	NA	425
			102 300	635 000		
COLORADO MAIN STREAM GLENWOOD SPRINGS	COLORADO	COLO	22 000 22 000	180 000 180 000	305	205
EAGLE RIVER BASIN GYPSUM CREEK	EAGLE	COLO	4 400 4 400	32 000 32 000	NA	243
COLORADO MAIN STREAM DOTSERO	SWEETWATER CR	COLO	210 000	750 000	NA	NA
SWEETWATER	SWEETWATER	COLO	495 000	600 000	NA	NA
GORE CANYON	COLORADO	COLO	20 000 725 000	98 000 1 448 000	U	363
<u>COLORADO MAJOR DRAINAGE TOTAL</u>			<u>7 284 450</u>	<u>28 728 040</u>		
<u>ALASKA MAJOR DRAINAGE</u>						
MINOR RIVER BASINS MAYBE CREEK KUKPUK	MAYBE CR KUKPUK	ALSKA ALSKA	67 000 11 350 78 350	380 000 60 000 440 000	NA NA	NA 100
NOATAK RIVER BASIN IGICHUK NOATAK NO 5 NOATAK NO 4 UPPER CANYON NOATAK NO 3 NOATAK NO 2 NOATAK NO 1	NOATAK NOATAK NOATAK NOATAK NOATAK NOATAK NOATAK	ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA	650 000 26 000 28 000 556 000 40 000 23 000 22 000 1 345 000	3 400 000 150 000 160 000 2 900 000 230 000 130 000 120 000 7 090 000	7 500 1 700 NA 740 650 NA 3 100	340 NA 140 280 240 160 200
MINOR RIVER BASINS LOWER GORGE CANDLE KUGRUK IMURUK SALMON LAKE FISH RIVER	KOBUK KIWALIK KUGRUK LAGOON TUKSUK CHANNEL SNAKE FISH	ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA	19 000 10 000 14 000 90 000 7 000 12 000 152 000	110 000 60 000 74 000 124 000 40 000 63 000 471 000	2 000 NA 365 65M NA 1 000	NA NA NA 200 NA NA
YUKON RIVER BASIN KALTAG HUGHES SITE KANUTI MELOZITNA RIVER NOWITNA RIVER KANTISHNA LOWER CHATANIKA TEKLANIKA NO 3 TEKLANIKA NO 2 TEKLANIKA NO 1 MCKINLEY YANERT JACK NENANA BRUSKASNA TOTATLANIKA CHENA RIVER SALCHA RIVER GOODPASTOR RIVER CATHEDRAL SITE	YUKON KORYUKUK KORYUKUK MELOZITNA NOWITNA KANTISHNA CHATANIKAI TEKLANIKA TEKLANIKA TEKLANIKA NENANA NENANA JACK NENANA NENANA TOTATLANIKA CHENA SALCHA GOODPASTOR TANANA	ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA ALSKA	2 380 000 175 000 515 000 50 000 33 000 38 000 15 000 12 800 13 200 14 600 55 000 28 600 13 000 28 000 37 500 15 800 10 200 21 400 7 080 108 000	16 250 000 1 180 000 3 470 000 320 000 220 000 165 000 60 000 78 000 81 000 78 000 340 000 175 000 79 000 170 000 130 000 97 000 62 000 131 000 37 000 570 000	2 41M 455 NA 800 1 200 NA NA NA 160 NA NA NA 500 NA 70 50 340 140 3 400	140 85 240 285 120 NA NA 230 230 NA NA NA NA NA 700 NA NA NA NA

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
YUKON RIVER BASIN (CONTINUED)						
NABESNA	NABESNA	ALSKA	21 000	120 000	1 500	NA
CHISANA NO 2	NABESNA	ALSKA	35 000	200 000	NA	NA
CHISANA NO 1	CHISANA	ALSKA	7 000	40 000	510	NA
RAMPART CANYON	YUKON	ALSKA	5 040 000	34 200 000	8/10 70M	445
BEAVER CREEK	BEAVER	ALSKA	11 200	49 000	NA	NA
CAMPBELL RIVER	PORCUPINE	ALSKA	215 000	1 190 000	6 000	240
WOODCHOPPER CREEK	YUKON	ALSKA	2 440 000	16 830 000	21 500	370
BOUNDARY	YUKON	ALSKA	490 000	3 400 000	NA	NA
FORTY MILE RIVER	FORTY MILE	ALSKA	44 000	250 000	2 900	NA
			11 874 380	79 972 000		
KUSKOKWIM RIVER BASIN						
CROOKED CREEK	KUSKOKWIM	ALSKA	576 000	4 010 000	31 000	160
			576 000	4 010 000		
NUSHAGAK RIVER BASIN						
LAKE KULIK	BEVERLY L	ALSKA	42 800	190 000	422	68
GRANT LAKE	KULIK L	ALSKA	5 800	25 000	96	397
NUYAKUK LAKE	KULIK L	ALSKA	91 000	400 000	2 500	160
AGULUWAK RIVER	AGULUWAK	ALSKA	42 300	200 000	NA	NA
CHIKUMINUK LAKE	CHAVEKUKTULI L	ALSKA	58 800	260 000	243	320
UPNUK LAKE	CHIKUMINUK L	ALSKA	11 700	51 000	256	NA
			252 400	1 126 000		
MINOR RIVER BASINS						
KUKAKLEK LAKE	KUKAKLEK L DIV	ALSKA	85 700	333 000	1 051	762
TAZIMINA L NO 2	TAZIMINA L DIV	ALSKA	50 500	314 200	761	642
L KONTRASHIBUNA	L CLARK	ALSKA	20 800	91 000	470	268
INGERSOL LAKE	KIJIK DIV	ALSKA	47 800	297 500	370	1 253
KULIK LAKE	ALAGNAK	ALSKA	7 000	31 000	388	100
GROSVENOR	NAKNEK L	ALSKA	22 600	99 000	1 060	114
CRESCENT LAKE	TUXEDNI BAY	ALSKA	60 000	260 000	600	635
			294 400	1 425 700		
CHAKACHATA RIVER BASIN						
CHAKACHAMNA	MC ARTHUR	ALSKA	320 000	1 780 000	1 606	942
CRATER	CHAKACHATNA	ALSKA	53 000	280 000	NA	120
SPURR	CHAKACHATNA	ALSKA	167 000	880 000	NA	380
BARRIER	CHAKACHATNA	ALSKA	150 000	790 000	1 800	NA
BELUGA LAKE	BELUGA	ALSKA	21 600	114 000	860	NA
			711 600	3 844 000		
KODIAK ISLAND RIVER BASINS						
TERROR LAKE	CANYON	ALSKA	22 500	70 000	NA	1 291
FRAZIER LAKE	OLGA BAY	ALSKA	34 400	150 000	166	395
SPIRIDON LAKE	SPIRIDON BAY	ALSKA	23 000	110 000	NA	457
UGANIK LAKE	UGANIK BAY	ALSKA	20 400	89 000	400	268
			100 300	419 000		
SUSITNA RIVER BASIN						
SHELL	SKWENTNA	ALSKA	25 000	132 000	380	NA
HAYES	SKWENTNA	ALSKA	25 000	132 000	140	NA
HAPPY RIVER	HAPPY	ALSKA	5 800	31 000	60	NA
SHEEP RIVER	SHEEP	ALSKA	12 000	70 000	520	NA
TALKEETNA NO 3	TALKEETNA	ALSKA	35 000	200 000	320	NA
TALKEETNA	TALKEETNA	ALSKA	75 000	390 000	820	NA
CACHE	TALKEETNA	ALSKA	35 000	190 000	470	NA
DEVIL CANYON	SUSITNA	ALSKA	580 000	2 900 000	9 000	575
SUSITNA-WATANA	SUSITNA	ALSKA	350 000	2 000 000	1 000	425
DENALI VEE	SUSITNA	ALSKA	460 000	2 000 000	5 000	530
			1 602 800	8 045 000		
MATANUSKA RIVER BASIN						
MATANUSKA NO 2	MATANUSKA	ALSKA	15 000	90 000	180	NA
RUSH LAKE	MATANUSKA	ALSKA	7 000	40 000	60	NA
MATANUSKA NO 1	MATANUSKA	ALSKA	18 000	100 000	290	NA
THREE MILE	MATANUSKA	ALSKA	25 000	131 000	170	500
FIVE MILE	CARIBOU CR	ALSKA	15 000	79 000	210	NA
			80 000	440 000		
KNIK RIVER BASIN						
KNIK RIVER	KNIK	ALSKA	190 000	1 000 000	2 000	250
			190 000	1 000 000		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
MINOR RIVER BASINS						
EAGLE RIVER	EAGLE RIVER	ALSKA	15 000	NA	NA	NA
STETLER	KENAI	ALSKA	89 000	440 000	1 130	NA
JUNEAU LAKE	JUNEAU CR	ALSKA	8 000	35 000	27	600
CRESCENT LAKE	CRESCENT L	ALSKA	10 000	40 000	NA	NA
GRANT LAKE	KENAI L	ALSKA	18 000	64 000	170	300
KASILOF	KASILOF	ALSKA	24 000	105 000	NA	93
BRADLEY LAKE	BRADLEY DR	ALSKA	63 900	280 000	311	1 146
HALIBUT CREEK	HALIBUT CR	ALSKA	9 000	40 000	NA	NA
RESURRECTION	RESURRECTION	ALSKA	10 000	60 000	320	NA
BEAR LAKE	BEAR L	ALSKA	40 000	175 000	95	NA
SOLOMON GULCH	SOLOMON GULCH	ALSKA	7 500	32 000	16	410
R SOLOMON GULCH	SOLOMON CR	ALSKA	150-	500-	U	430
KEYSTONE CANYON	LOWE	ALSKA	31 000	163 000	240	460
POWER CREEK	POWER CR	ALSKA	14 500	64 000	60	570
			339 750	1 497 500		
COPPER RIVER BASIN						
BREMNER RIVER	BREMNER	ALSKA	76 700	400 000	1 575	NA
TEBAY NO 1	L BREMNER	ALSKA	61 400	270 000	180	860
PENINSULA	COPPER	ALSKA	567 000	3 000 000	300	NA
TIEKEL	TIEKEL	ALSKA	33 000	175 000	90	700
TONSINA NO 2	TIEKEL	ALSKA	20 000	88 000	110	710
WOOD CANYON	COPPER	ALSKA	1 080 000	7 000 000	14 450	NA
KENNICOTT	NIZINA	ALSKA	21 500	113 000	NA	NA
NIZINA	NIZINA	ALSKA	100 000	520 000	850	NA
CHITINA	CHITINA	ALSKA	140 000	770 000	2 500	NA
KLUTINA	COPPER	ALSKA	54 000	355 000	600	465
TAZLINA	TAZLINA	ALSKA	75 000	490 000	900	605
			2 228 600	13 181 000		
ENDICOTT RIVER BASIN						
ENDICOTT	ENDICOTT	ALSKA	13 000	70 000	50	NA
			13 000	70 000		
TAIYA RIVER BASIN						
TAIYA NO 2	TAIYA	ALSKA	400 000	2 100 000	NA	NA
TAIYA NO 1	TAIYA	ALSKA	400 000	2 100 000	NA	NA
			800 000	4 200 000		
MINOR RIVER BASINS						
ANTLER LAKE	S FK ANTLER	ALSKA	8 000	40 000	20	1 980
NUGGET CREEK	NUGGET CR	ALSKA	8 900	42 000	13	530
R NUGGET CREEK	NUGGET CREEK	ALSKA	3 000-	1 500-	NA	490
TREADWELL DITCH	TREADWELL DITCH	ALSKA	7 500	35 000	NA	516
R 240 FOOT	FISH CREEK DITCH	ALSKA	1 012-	500-	U	516
R RHINE CREEK	RHINE CR	ALSKA	2 000	10 500	NA	NA
R GOLD CREEK	GOLD CR	ALSKA	6 900	56 000	NA	220
R GOLD CREEK	GOLD CR	ALSKA	1 600-	6 800-	U	225
LEMON CREEK	LEMON CR	ALSKA	5 025	26 500	18	260
CARLSON CREEK	CARLSON CR	ALSKA	9 375	60 000	140	440
BOUNDARY CREEK	BOUNDARY CR	ALSKA	11 250	59 000	110	470
YEHRLING LAKE	YEHRLING CR	ALSKA	18 125	95 000	70	1 020
DOROTHY L NO 48	DOROTHY CR	ALSKA	28 000	130 000	72	2 408
			99 463	545 200		
SPEEL RIVER BASIN						
CRATER LAKE NO 46	CRATER CR	ALSKA	22 000	96 000	60	1 030
SNETTISHAM	CRATER L LONG L	ALSKA	60 000	303 300	270	1 020
SPEEL RIVER NO 44	SPEEL	ALSKA	72 000	490 000	607	378
			154 000	889 300		
MINOR RIVER BASINS						
SWEETHEART LAKES	SWEETHEART LAKE	ALSKA	15 000	120 000	128	640
SCENERY CR NO 37	SCENERY	ALSKA	18 000	79 000	44	960
CASCADE CREEK	CASCADE	ALSKA	34 050	150 000	56	107
DELTA CREEK	DELTA CR	ALSKA	11 170	59 000	6	1 260
			78 170	408 000		
STIKINE RIVER BASIN						
STIKINE	STIKINE	ALSKA	120 000	700 000	NA	NA
VIRGINIA LAKE	MILL CR	ALSKA	2 700	10 000	NA	NA
			122 700	710 000		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
R	MINOR RIVER BASINS						
	MILL CREEK	MILL CR	ALSKA	6 000	30 000	35	116
	MILL CREEK	MILL CR	ALSKA	200-	500-	NA	100
	AARON CREEK	AARON CR	ALSKA	9 375	49 000	32	90
	ANAN LAKE	ANAN L	ALSKA	8 750	46 000	25	230
	MARTEN CREEK	MARTEN CR	ALSKA	5 125	27 000	85	807
	TOM CREEK	TOM CR	ALSKA	8 750	46 000	9	380
	HARDING	HARDING	ALSKA	20 000	110 000	170	263
	TYEE CREEK	TYEE CR	ALSKA	23 000	130 000	70	1 380
	WHITE RIVER	WHITE	ALSKA	20 000	105 000	200	340
	SHELOKUM LAKE	SHELOKUM L	ALSKA	8 750	46 000	20	363
	SHORT CREEK	SHORT CR	ALSKA	9 250	49 000	113	630
	GRANITE CREEK	GRANITE CR	ALSKA	9 000	50 000	40	870
	PUNCH BOWL CREEK	PUNCH BOWL CR	ALSKA	13 000	70 000	80	618
	WINSTANLEY CREEK	WINSTANLEY CR	ALSKA	5 000	26 000	25	345
	WILSON LAKE	WILSON	ALSKA	9 000	50 000	100	330
	HUMPBACK LAKE	HUMPBACK CR	ALSKA	7 125	38 000	70	230
				161 925	871 500		
	PORTLAND CANAL BASIN						
		DAVIS	DAVIS	ALSKA	29 000	160 000	180
SOULE GLACIER	SOULE GLACIER	ALSKA	12 500	66 000	NA	NA	
			41 500	226 000			
ADMIRALTY ISLAND RIVER BASINS							
KATHLEEN CREEK	KATHLEEN CR	ALSKA	9 000	50 000	40	415	
THAYER CREEK	THAYER CR	ALSKA	12 000	70 000	130	315	
HASSELBORG	HASSELBORG	ALSKA	16 000	90 000	190	265	
			37 000	210 000			
CHICHAGOF ISLAND RIVER BASINS							
GOULDING LAKE	GOULDING CR	ALSKA	7 000	37 000	57	128	
PORCUPINE CREEK	PORCUPINE CR	ALSKA	6 500	34 000	20	440	
			13 500	71 000			
BARANOF ISLAND RIVER BASINS							
MAKSOUTOF RIVER	MAKSOUTOF	ALSKA	24 000	130 000	160	630	
LAKE PLOTNIKOF	L PLOTNIKOF	ALSKA	7 500	66 000	32	275	
LAKE DIANA	DIANA DRAIN	ALSKA	8 000	35 000	NA	NA	
TAKATZ L NO 149	TAKATZ	ALSKA	15 000	66 000	32	917	
BARANOF LAKE	BARANOF	ALSKA	7 500	39 000	53	160	
CARBON LAKE	COAL CR	ALSKA	11 250	59 000	53	230	
MILK LAKE	MILK CR	ALSKA	6 250	33 000	10	430	
PARRY LAKE	PARRY CR	ALSKA	5 000	26 000	5	375	
BRENTWOOD CREEK	BRENTWOOD CR	ALSKA	7 000	40 000	30	600	
DEER LAKE	DEER CR	ALSKA	6 370	33 000	69	378	
ROSTISLAF LAKES	ROSTISLAF CR	ALSKA	5 000	26 000	35	550	
BLUE LAKE	MEDVETCHA	ALSKA	3 000	10 000	113	350	
			105 870	563 000			
KUPREANOF ISLAND RIVER BASINS							
	KUPREANOF	HAMILTON CR	ALSKA	21 600	NA	NA	NA
			21 600				
ETOLIN ISLAND RIVER BASINS							
MCHENRY LAKE	MCHENRY CR	ALSKA	5 370	28 000	10	300	
			5 370	28 000			
REVILLAGIGEDO ISLAND RIVER BASINS							
MAHONEY CREEK	REVILL CHANNEL	ALSKA	9 125	48 000	9	1 815	
BEAVER FALLS	BEAVER FALLS CR	ALSKA	5 500	16 000	16	809	
SILVIS LAKE	SILVIS LAKE	ALSKA	1 120	5 000	NA	NA	
LAKE WHITMAN	CASE CR	ALSKA	4 050	16 000	33	397	
NAHA	NAHA	ALSKA	5 870	31 000	35	205	
ORCHARD CREEK	ORCHARD CR	ALSKA	9 000	50 000	100	175	
GRACE L NO 113	GRACE CR	ALSKA	22 200	96 000	108	455	
PROJECT 114	MANZANITA CR	ALSKA	29 600	127 000	100	300	
SWAN L PROJ 117	FALLS CR	ALSKA	15 000	67 000	104	NA	
			101 465	456 000			
PRINCE OF WALES ISLAND RIVER BASINS							
KLAKAS LAKE	KLAKAS L	ALSKA	6 000	31 500	50	410	
REYNOLDS CREEK	REYNOLDS CR	ALSKA	9 000	50 000	30	NA	
CLOVER CREEK	CLOVER	ALSKA	10 000	53 000	7	440	
KEGAN CREEK	KEGAN CR	ALSKA	5 000	26 000	25	110	
KUGEL LAKE	KUGEL CR	ALSKA	5 750	30 000	10	560	
			35 750	190 500			
<u>ALASKA MAJOR DRAINAGE TOTAL</u>				<u>21 616 893</u>	<u>132 399 700</u>		

SEE FOOTNOTES AT END OF TABLE

TABLE 8 (Contd) - UNDEVELOPED By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE							
B	<u>HAWAII MAJOR DRAINAGE</u>						
	KAUAI ISLAND RIVER BASINS	WAINIHA	H I	25 000	200 000	NA	3 300
	KAUAI			25 000	200 000		
	OTHER ISLANDS RIVER BASINS		H I	250 000	1 100 000	NA	NA
	OTHER POTENTIAL			250 000	1 100 000		
	<u>HAWAII MAJOR DRAINAGE TOTAL</u>			<u>275 000</u>	<u>1 300 000</u>		
<u>UNITED STATES TOTAL</u>			<u>115 733 891</u>	<u>445 858 440</u>			

A. ADDITIONAL POSSIBLE CAPACITY AND INCREMENTAL AVERAGE ANNUAL GENERATION AT EXISTING PLANT.

B. BLOCK OF UNDEVELOPED POWER IN REACH OF RIVER BETWEEN DESIGNATED POINTS.

E. ADDITIONAL POSSIBLE AVERAGE ANNUAL GENERATION AT EXISTING PLANT RESULTING FROM FUTURE CONSTRUCTION OF ADDITIONAL UPSTREAM STORAGE.

R. EXISTING PLANT SUBJECT TO POSSIBLE REDEVELOPMENT. PLANT COULD BE REPLACED BY POTENTIAL PROJECT USUALLY LISTED NEXT ABOVE. IN SOME INSTANCES MORE THAN ONE EXISTING PLANT COULD BE REDEVELOPED BY THE SAME POTENTIAL PROJECT. THE CAPACITY AND GENERATION OF THE PLANT TO BE REDEVELOPED ARE SHOWN AS NEGATIVE AMOUNTS SO THAT ONLY THE NET GAIN DUE TO THE REDEVELOPMENT IS ADDITIVE IN THE TOTALS IN THE TABLE.

U. USABLE POWER STORAGE CAPACITY IS LESS THAN 5,000 ACRE-FEET.

NA. DATA NOT AVAILABLE.

SITE OF PROJECT IS ON BOUNDARY RIVER BETWEEN TWO STATES. INSTALLED CAPACITY AND GENERATION ARE DIVIDED EQUALLY BETWEEN STATES AS LISTED. USABLE POWER STORAGE CAPACITY AND GROSS STATIC HEAD SHOWN ARE THE TOTAL FOR THE SITE.

1/ A 66,000-KILOWATT INSTALLATION WITH A 220-FOOT NORMAL POOL ELEVATION IS PRESENTLY AUTHORIZED. NEW STUDIES NOW BEING MADE ARE CONSIDERING A PROJECT AT THIS SITE WITH A 20-FOOT HIGHER NORMAL POOL ELEVATION AND AN INSTALLED CAPACITY 36,000 KILOWATTS GREATER.

2/ PLANT TO BE RETIRED FROM SERVICE.

3/ PLANNED FUTURE ADDITION TO THE 408,000-KILOWATT INSTALLATION NOW UNDER CONSTRUCTION.

4/ PLANNED FUTURE ADDITION TO THE 705,850-KILOWATT INSTALLATION NOW UNDER CONSTRUCTION.

5/ PLANNED FUTURE ADDITION TO THE 150,000-KILOWATT INSTALLATION NOW UNDER CONSTRUCTION.

6/ THE OROVILLE PROJECT WILL REDEVELOP THIS EXISTING PLANT.

7/ USABLE POWER STORAGE CAPACITY IS 241,000,000 ACRE-FEET.

8/ USABLE POWER STORAGE CAPACITY IS 1,070,000,000 ACRE-FEET.

TABLE 9 - ESTIMATED INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF UNDEVELOPED HYDROELECTRIC POWER SITES - JANUARY 1, 1964

Totals by Geographic Divisions and States

<u>Division and state</u>	<u>Installed capacity kw</u>	<u>Avg. annual generation 1000 kwh</u>	<u>Division and state</u>	<u>Installed capacity kw</u>	<u>Avg. annual generation 1000 kwh</u>
United States	115,733,891	445,858,440			
New England	3,128,496	7,924,800	South Atlantic		
Middle Atlantic	5,179,385	11,997,500	Delaware	0	.0
East North Central	1,350,800	5,590,900	Maryland	385,480	922,000
West North Central	4,514,660	18,996,800	District of Columbia	0	0
South Atlantic	9,903,023	20,321,100	Virginia	1,595,330	3,604,100
East South Central	4,569,733	10,104,200	West Virginia	2,173,320	6,801,800
West South Central	3,453,085	8,372,100	North Carolina	1,073,650	2,047,300
Mountain	26,651,980	97,777,740	South Carolina	2,053,943	2,785,600
Pacific	35,090,836	131,073,600	Georgia	2,537,300	4,078,300
Alaska	21,616,893	132,399,700	Florida	84,000	82,000
Hawaii	275,000	1,300,000			
New England			East South Central		
Maine	1,786,043	4,681,000	Kentucky	1,581,133	3,847,200
New Hampshire	571,100	1,230,500	Tennessee	762,300	1,969,700
Vermont	345,525	788,600	Alabama	2,071,900	3,868,800
Massachusetts	247,628	684,300	Mississippi	154,400	418,500
Rhode Island	0	0			
Connecticut	178,200	540,400	West South Central		
Middle Atlantic			Arkansas	1,315,100	3,499,200
New York	1,615,905	3,951,700	Louisiana	20,000	100,000
New Jersey	241,000	1,001,500	Oklahoma	955,600	2,538,600
Pennsylvania	3,322,480	7,044,300	Texas	1,162,385	2,234,300
East North Central			Mountain		
Ohio	252,000	1,205,600	Montana	6,921,220	23,771,800
Indiana	396,000	1,535,000	Idaho	10,134,485	35,735,400
Illinois	206,200	1,081,000	Wyoming	1,100,550	4,725,500
Michigan	272,250	782,400	Colorado	2,461,175	9,052,600
Wisconsin	224,350	986,900	New Mexico	171,200	777,000
West North Central			Arizona	4,588,500	18,755,940
Minnesota	142,210	702,600	Utah	1,244,650	4,801,500
Iowa	382,100	1,687,600	Nevada	30,200	158,000
Missouri	2,074,000	9,494,100	Pacific		
North Dakota	195,000	860,000	Washington	19,293,680	67,254,900
South Dakota	771,000	1,790,800	Oregon	5,946,400	26,667,000
Nebraska	647,810	3,003,000	California	9,850,756	37,151,700
Kansas	302,540	1,458,700	Alaska	21,616,893	132,399,700
			Hawaii	275,000	1,300,000

**TABLE 10 - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1964**

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
<u>NEW ENGLAND</u>						
MAINE						
A-	CARIBOU	AROOSTOOK	200	1 000	NA	12
	CASTLE HILL	AROOSTOOK	18 000	70 000	U	60
	FISH RIVER FALLS	FISH	7 500	32 000	65	45
	LINCOLN SCHOOL	ST JOHN	34 000	280 000	16	72
	DICKEY	ST JOHN	<u>760 000</u>	750 000	2 900	305
R-	MILLTOWN	ST CROIX	4 500	27 000	NA	50
	UPPER HOLMES	MACHIAS	15 000	27 000	154	101
	BASIN MILLS	PENOBSCOT	12 000	93 000	U	27
	ORONO	STILLWATER	2 332-	10 000-	U	25
	BANGOR DIVERSION	PENOBSCOT	40 000	223 000	U	115
	SUNKHAZE RAPIDS	PENOBSCOT	12 000	95 000	U	28
	BONNIE BROOK	PISCATAQUIS	20 000	76 000	57	91
	MOHAWK RAPIDS	PENOBSCOT	8 000	62 000	U	16
	WINN	PENOBSCOT	12 000	89 000	U	23
	STRATTON RIPS	MATTAWAMKEAG	40 000	170 000	863	140
	DEBSCONEAG	W BR PENOBSCOT	15 000	69 000	U	58
	SOURDNAHUNK	W BR PENOBSCOT	24 000	109 000	U	95
	THE ARCHES	W BR PENOBSCOT	22 500	94 000	U	90
	MEADOW BROOK	E BR PENOBSCOT	12 000	48 000	U	50
	WHETSTONE FALLS	E BR PENOBSCOT	30 000	117 000	255	135
	GRAND FALLS	SEBOOIS STREAM	6 000	28 000	U	50
	SAWTELLE FALLS	SAWTELLE BROOK	15 000	59 000	140	140
	GRAND PITCH	WEBSTER BROOK	5 000	22 000	U	90
	GREENLEAF	SANDY	10 000	42 000	100	120
	MADISON HIGH	KENNEBEC	24 000	150 000	U	64
R-	ABENAKI	KENNEBEC	3 650-	10 000-	U	42
	NORTH ANSON	KENNEBEC	10 000	54 000	U	29
	PIERCE POND DIVR	KENNEBEC	<u>180 000</u>	380 000	10	690
	THE FORKS	KENNEBEC	48 000	166 000	U	110
	COLD STREAM	KENNEBEC	<u>90 000</u>	260 000	NA	195
R-	MOOSEHEAD LAKE	KENNEBEC	24 000	67 000	545	64
	BRUNSWICK	ANDROSCOGGIN	23 000	85 000	NA	33
	BRUNSWICK	ANDROSCOGGIN	1 473-	12 000-	U	17
R-	TOPSHAM	ANDROSCOGGIN	900-	7 000-	U	20
	PEJEPSCOT	ANDROSCOGGIN	10 000	52 000	NA	22
R-	PEJEPSCOT	ANDROSCOGGIN	1 500-	7 500-	U	22
R-	WORUMBO	ANDROSCOGGIN	15 000	70 000	NA	48
R-	LISBON FALLS	ANDROSCOGGIN	900-	3 300-	U	19
R-	LEWISTON	ANDROSCOGGIN	30 000	130 000	NA	55
R-	LEWISTON	ANDROSCOGGIN	100-	200-	U	35
R-	LEWISTON	ANDROSCOGGIN	750-	3 000-	U	28
R-	LEWISTON DIVISIO	ANDROSCOGGIN	4 800-	18 500-	U	28
R-	HILL DIVISION	ANDROSCOGGIN	2 160-	9 500-	U	25
R-	ANDROSCOGGIN	ANDROSCOGGIN	2 782-	11 000-	U	25
R-	LEWISTON	ANDROSCOGGIN	700-	3 000-	U	25
R	GULF ISLAND	ANDROSCOGGIN	30 000	160 000	NA	68
	GULF ISLAND	ANDROSCOGGIN	19 200-	125 000-	5	55
R-	RAM ISLAND	ANDROSCOGGIN	30 000	90 000	240	49
	LIVERMORE MILL	ANDROSCOGGIN	4 540-	22 000-	U	31
	OTIS	ANDROSCOGGIN	12 000	60 000	NA	NA
R-	OTIS MILL	ANDROSCOGGIN	2 880-	10 000-	U	24
R-	JAY	ANDROSCOGGIN	20 000	80 000	NA	34
	DIXFIELD	ANDROSCOGGIN	2 800-	16 000-	U	14
	RUMFORD LOWER	ANDROSCOGGIN	10 000	49 000	U	25
R	RUMFORD FLS LWR	ANDROSCOGGIN	41 000	190 000	NA	80
A	RUMFORD FLS UPR	ANDROSCOGGIN	12 800-	103 000-	U	78
	GILEAD	ANDROSCOGGIN	17 000	29 000	U	97
	AZISCOHOS	ANDROSCOGGIN	16 000	61 000	U	40
	RICHARDSON	MAGALLOWAY RAPID	10 000 8 000	49 000 60 000	159 130	245 178

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE						
MAINE (CONTD)						
	KENNEBAGO	KENNEBAGO	4 000	30 000	16	309
A	CATARACT	SACO	10 000	40 000	U	44
A-	WEST BUXTON	SACO	5 400	16 000	U	27
A-	BONNY EAGLE	SACO	7 800	26 000	U	38
	STEEP FALLS	SACO	15 000	48 000	U	38
R-	KEZAR FALLS	OSSIPEE	350-	1 400-	NA	16
	GREAT FALLS	SACO	40 000	87 000	275	111
R-	HIRAM	SACO	2 400-	19 000-	U	79
A-	SWANS FALLS	SACO	160	400	U	13
			1 786 043	4 681 000		
NEW HAMPSHIRE						
	PULSIFER RIPS	ANDROSCOGGIN	6 000	43 000	U	40
	BERLIN	ANDROSCOGGIN	75 000	60 000	NA	370
	PONTOOK	ANDROSCOGGIN	24 000	95 000	U	80
	MOLLIDGEWOCK	ANDROSCOGGIN	22 500	54 000	U	45
	ERROL	ANDROSCOGGIN	24 000	57 000	314	55
	MOORES FALLS	MERRIMACK	30 000	110 000	U	35
A	AMOSKEAG	MERRIMACK	22 000	28 000	U	46
A	HOOKSETT	MERRIMACK	7 400	20 000	U	14
A	GARVINS FALLS	MERRIMACK	13 500	10 000	U	30
A	SEAWALLS FALLS	MERRIMACK	6 000	13 000	NA	16
	RIVER HILL	CONTOOCCOOK	20 000	64 000	U	114
	BLACKWATER	BLACKWATER	12 000	21 000	68	218
	LONG FALLS	CONTOOCCOOK	12 000	36 000	U	118
	STODDARD NO 1	N BR CONTOOCCOOK	6 000	7 000	29	268
	TILTON	WINNIPESAUKEE	14 000	34 000	U	92
	EASTMAN FALLS	PEMIGEWASSET	13 000	37 000	NA	55
R	EASTMAN FALLS	PEMIGEWASSET	3 000-	16 000-	U	35
	SMITH RIVER DIVR	NEWFOUND	100 000	175 000	30	257
A	AYERS ISLAND	PEMIGEWASSET	6 600	7 000	6	80
	LIVERMORE FALLS	PEMIGEWASSET	40 000	83 000	380	182
	HINSDALE	ASHUELOT	20 000	50 000	U	160
	BALD HILL	ASHUELOT	16 000	22 000	36	278
A	VERNON #	CONNECTICUT	10 000	18 000	6	34
	NORTHVILLE	SUGAR	8 000	36 000	10	250
A	WILDER #	CONNECTICUT	8 100	5 500	13	51
	WELLS RIVER #	CONNECTICUT	10 000	30 000	U	29
	BATH NO 2	AMMONOOSUC	10 000	25 000	NA	65
	BATH NO 1	AMMONOOSUC	6 000	15 000	NA	55
	COOS #	CONNECTICUT	12 000	50 000	30	120
	INDIAN STREAM	CONNECTICUT	20 000	41 000	62	150
			571 100	1 230 500		
VERMONT						
	HIGHGATE	MISSISQUOI	7 000	26 000	NA	42
	SHELDON SPRINGS	MISSISQUOI	7 700	46 000	NA	106
R	SHELDON SPRINGS	MISSISQUOI	1 750-	7 000-	NA	79
	JAY BRANCH	JAY BR	7 300	19 000	44	166
R	TROY	MISSISQUOI	600-	1 200-	U	60
	MILTON	LAMOILLE	10 000	22 000	NA	100
A	EAST GEORGIA	LAMOILLE	10 000	23 000	U	52
	BURLINGTON	WINOOSKI	6 000	30 000	NA	54
	WINOOSKI GORGE 18	WINOOSKI	6 000	15 000	NA	43
	BOLTON GORGE	WINOOSKI	6 500	31 000	NA	62
	HUNTINGTON FALLS	OTTER CR	17 400	67 000	17	135
R	HUNTINGTON FALLS	OTTER CR	1 200-	10 000-	NA	39
	BELDENS	OTTER CR	1 200-	9 600-	NA	41
	VERNON #	CONNECTICUT	10 000	18 000	6	34
A	WILLIAMSVILLE	WEST	145 000	84 000	174	224

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE						
VERMONT (CONTD)						
E	BALL MOUNTAIN	WEST	20 000	70 000	30	340
	BELLOWS FALLS	CONNECTICUT	0	60 000	10	62
R	SPRINGFIELD	BLACK	7 000	21 000	NA	122
	SPRINGFIELD	BLACK	525-	700-	NA	11
	PERKINSVILLE	BLACK	10 000	30 000	60	220
A	HART ISLAND	CONNECTICUT	25 200	109 000	U	28
	GAYSVILLE	WHITE	10 700	33 000	29	139
	WILDER ‡	CONNECTICUT	8 100	5 500	13	51
	WELLS RIVER ‡	CONNECTICUT	10 000	30 000	U	29
	COOS ‡	CONNECTICUT	12 000	50 000	30	120
R	BROWNS MILL	PAUL STREAM	9 000	15 000	20	327
	CANAAN	CONNECTICUT	7 000	20 000	NA	50
	CANAAN	CONNECTICUT	1 100-	7 400-	U	35
			345 525	788 600		
MASSACHUSETTS						
R	ESSEX DAM	MERRIMACK	10 000	28 000	U	30
	EVERETT MILLS	MERRIMACK CANAL	1 000-	1 700-	NA	26
R	CANAL STREET	MERRIMACK CANAL	1 920-	6 000-	NA	NA
R	CANAL STREET	MERRIMACK CANAL	1 400-	4 000-	NA	NA
R	MERRIMAC	MERRIMACK CANAL	600-	2 300-	NA	30
R	LAWRENCE	MERRIMACK CANAL	1 200-	6 100-	NA	26
	PAWTUCKET DAM	MERRIMACK	20 000	80 000	U	37
R	LOWELL	MERRIMACK CANAL	4 975-	8 900-	U	40
R	LOWELL	MERRIMACK CANAL	1 050-	1 900-	U	40
R	LOWELL	MERRIMACK CANAL	2 400-	6 900-	U	40
R	LOWELL	MERRIMACK CANAL	1 300-	5 400-	U	40
	HUNTINGTON	WESTFIELD	6 000	25 000	10	115
	KNIGHTVILLE	WESTFIELD	10 000	20 000	20	115
	HADLEY FALLS	CONNECTICUT	45 000	150 000	7	52
A	MEADOW	DEERFIELD	12 700	42 000	U	61
R	CHARLEMONT	DEERFIELD	20 000	50 000	25	105
	ZOAR	DEERFIELD	20 000	50 000	NA	140
R	TURNERS FALLS	CONNECTICUT CAN	66 000	170 000	20	82
	TURNERS FALLS	CONNECTICUT CAN	4 840-	12 500-	9	48
	TURNERS FALLS	CONNECTICUT CAN	450-	200-	NA	42
R	TURNERS FALLS	CONNECTICUT CAN	937-	4 800-	NA	47
	ERVING	MILLERS	30 000	80 000	NA	290
	TULLY	MILLERS	20 000	30 000	54	177
	SOUTH ROYALSTON	MILLERS	10 000	20 000	NA	126
			247 628	684 300		
			0	0		
RHODE ISLAND						
			0	0		
			0	0		
CONNECTICUT						
R	ENFIELD	CONNECTICUT	90 000	260 000	U	31
	SHELTON	HOUSATONIC	13 000	40 000	NA	32
	DERBY	HOUSATONIC	800-	3 100-	U	20
	ROXBURY	SHEPAUG	7 500	27 000	U	157
	STEEL ROCK	SHEPAUG	6 000	19 000	U	150
	BOARDMAN	HOUSATONIC	10 000	35 000	U	35
	WEBATUCK	TENMILE DIV	5 000	24 000	U	130
	KENT FURNACE	HOUSATONIC	25 000	76 000	U	95
	WEST CORNWALL	HOUSATONIC	6 500	22 000	U	30
	MT PROSPECT CAANAN	HOUSATONIC	25 000	80 000	U	121
	FALLS VILLAGE	HOUSATONIC	9 000-	39 500-	U	92
			178 200	540 400		
			3 128 496	7 924 800		
NEW ENGLAND TOTAL						
			3 128 496	7 924 800		

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE						
MIDDLE ATLANTIC						
NEW YORK						
	ROME	W BR AUSABLE	15 500	51 000	NA	231
R-	AU SABLE FORKS	W BR AUSABLE	1 250-	4 700-	NA	92
	CHERRY PATCH	W BR AUSABLE	30 000	60 000	79	705
A	KENTS FALLS	SARANAC	12 000	22 000	U	161
A	CADYVILLE	SARANAC	5 200	12 000	U	77
	HIGH FALLS	SARANAC	14 000	27 000	U	268
A	TEFT POND	SARANAC	26 000	58 000	U	238
	UNION FALLS	SARANAC	11 000	26 000	51	112
R-	UNION FALLS	SARANAC	2 400-	8 600-	NA	61
R-	FRANKLIN FALLS	SARANAC	2 265-	6 200-	NA	57
	CHATEAUGAY CHASM	CHATEAUGAY	15 000	29 000	U	280
R-	CHATEAUGAY	CHATEAUGAY	720-	5 200-	20	88
	CHATEAUGAY MILL	CHATEAUGAY	7 600	15 000	U	150
	SOUTH CHATEAUGAY	CHATEAUGAY	11 900	23 000	U	230
	BRAINARDSVILLE	CHATEAUGAY	6 300	12 000	69	125
	MACOMB	SALMON	8 800	49 000	U	300
R-	MACOMB	SALMON	1 000-	6 800-	U	53
	TITUSVILLE	SALMON	26 000	46 000	141	380
R-	CHASM	SALMON	3 350-	24 000-	U	266
	LOWER PARISHVILLE	W BR ST REGIS	11 000	30 000	U	144
R-	PARISHVILLE	W BR ST REGIS	2 400-	15 000-	U	144
	UPPER PARISHVILLE	W BR ST REGIS	9 000	23 000	U	112
	SYLVAN FALLS	W BR ST REGIS	16 300	41 000	26	220
	FIVE MILE	W BR ST REGIS	8 100	21 000	58	180
	FORT JACKSON	E BR ST REGIS	25 500	71 000	U	240
	NICHOLVILLE	E BR ST REGIS	26 900	71 000	U	260
	ST REGIS FALLS	E BR ST REGIS	38 700	98 000	110	440
A	SUGAR ISLAND	RAQUETTE	20 800	29 000	U	63
A	HANNAWA	RAQUETTE	25 200	30 000	U	82
A	COLTON	RAQUETTE	87 400	108 000	U	285
	HIGLEY	RAQUETTE	12 100	13 000	U	44
A	MOOSEHEAD RAPIDS	RAQUETTE	29 000	66 000	U	85
R-	PIERCEFIELD	RAQUETTE	9 000	12 000	U	35
	PYRITES	GRASS	15 000	45 000	U	130
R-	PYRITES	GRASS	1 200-	9 000-	U	75
	JACKSON FALLS	GRASS	7 900	24 000	U	70
	CLARE	N BR GRASS	25 700	67 000	79	260
	CLARKSBORO	S BR GRASS	11 600	24 000	U	200
	RAINBOW FALLS	S BR GRASS	11 700	25 000	U	200
	COPPER ROCKS FLS	S BR GRASS	7 000	13 000	U	120
	WEGATCHIE	OSWEGATCHIE	8 000	40 000	U	50
R-	NATURAL DAM	OSWEGATCHIE	1 200-	3 500-	U	20
	HAILESBO RO	OSWEGATCHIE	23 000	108 000	U	150
R-	HAILESBO RO NO 4	OSWEGATCHIE	1 320-	7 200-	NA	30
R-	FOWLER NO 7	OSWEGATCHIE	900-	5 000-	NA	15
	EMERYVILLE	OSWEGATCHIE	9 000	42 000	U	60
R-	EMERYVILLE	OSWEGATCHIE	1 320-	8 000-	U	32
	COTTON RAPIDS	E BR OSWEGATCHIE	12 700	58 000	U	190
R-	OSWEGATCHIE	E BR OSWEGATCHIE	800-	6 000-	U	10
R-	SO EDWARDS NO 2	E BR OSWEGATCHIE	2 680-	20 000-	U	82
	MADISON CHUTE	E BR OSWEGATCHIE	6 400	29 000	U	102
	GLEN PARK	BLACK	5 000		U	40
	FELTS MILLS	BLACK	10 000	85 000	U	44
	LYONS FALLS	BLACK	11 100	64 000	U	67
	SHUETOWN	MOOSE	34 000	130 000	U	220
R-	MILL NO 3	MOOSE	4 700-	23 000-	U	30
	FOWLERSVILLE	MOOSE	30 100	114 000	U	195
	MOOSE RIVER	MOOSE	18 800	66 000	U	140
	PULASKI	SALMON	9 900	24 000	U	85
	FOX BRIDGE	SALMON	15 000	37 000	U	115
	CENTERVILLE	SALMON	9 100	22 000	U	70
	ALTMAR	SALMON	8 600	21 000	U	65
A-	LIGHTHOUSE HILL	SALMON	3 750	10 000	U	65
A-	HIGH DAM NO 6	OSWEGO	1 400	4 000	U	22
	ROCHESTER UPR FLS	GENESEE	17 000	137 000	U	120

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NEW YORK (CONTD)					
R- ROCHESTER NO 2	GENESEE	6 500-	51 000-	U	91
R- ROCHESTER NO 26	GENESEE	3 000-	16 000-	NA	25
CANASERAGA	CANASERAGA CR	8 000	28 000	10	390
MT MORRIS	GENESEE	40 000	95 000	72	122
R- MT MORRIS NO 160	GENESEE	340-	2 900-	NA	20
PORTAGE	GENESEE	82 000	230 000	142	410
CHAUTAUQUA CREEK	CHAUTAUQUA CREEK	37 000	108 000	78	797
A- CRESCENT	MOHAWK	5 600	23 000	U	28
A- VISSCHER FERRY	MOHAWK	5 600	23 000	U	28
A- TRENTON FALLS	W CANADA CR	23 000	19 000	U	268
WILMURT	W CANADA CR	6 300	26 000	U	100
MOREHOUSEVILLE	W CANADA CR	7 500	17 000	32	302
A- WATERFORD	HUDSON	15 000	50 000	NA	14
A- MECHANICVILLE	HUDSON	7 000	15 000	NA	23
A- STILLWATER	HUDSON	6 400	20 000	NA	9
GREENWICH	BATTEN KILL	8 100	43 000	NA	106
A- GREENWICH	BATTENKILL	750-	4 900-	NA	15
A- THOMSON	HUDSON	6 100	28 000	NA	18
FORT MILLER	HUDSON	5 700	20 000	NA	10
A- HUDSON FALLS	HUDSON	90 000	150 000	U	80
R- BAKERS FALLS	HUDSON	2 250-	15 000-	U	55
R- MOREAU	HUDSON	4 800-	42 000-	U	64
A- SOUTH GLEN FALLS	HUDSON	18 000	14 000	U	47
A- SHERMAN ISLAND	HUDSON	8 000	12 000	U	68
A- SPIER FALLS	HUDSON	40 000	8 700	U	83
A- PALMER	HUDSON	59 000	130 000	U	85
A- CURTIS	HUDSON	17 800	29 000	U	26
A- E J WEST	SACANDAGA	10 000	9 000	NA	63
A- BLACKBRIDGE	W BR SACANDAGA	23 000	59 000	16	300
A- PISECO LAKE	W BR SACANDAGA	22 000	49 000	110	328
AUGER FLATS	SACANDAGA	13 000	35 000	U	340
LAKE PLEASANT	SACANDAGA	11 000	22 000	60	316
HADLEY	HUDSON	82 000	170 000	U	67
KETTLE MOUNTAIN	HUDSON	78 000	180 000	172	300
A- TROUT BROOK	TROUT BROOK	6 800	14 000	41	260
CHAIN LAKES	CEDAR	5 300	13 000	97	90
OAKLAND VALLEY	NEVERSINK	9 700	46 000	U	210
A- DENTON FALLS	NEVERSINK	14 900	67 000	24	360
A- DELAWARE	MONGAUP	10 000	35 000	U	160
A- BARRYVILLE *	DELAWARE	14 850	63 000	19	70
NARROWSBURG *	DELAWARE	7 950	32 000	9	40
A- HANCOCK	E BR DELAWARE	10 300	39 000	20	65
A- EAST BRANCH	E BR DELAWARE	6 100	15 000	53	83
A- CANONSVILLE	W BR DELAWARE	20 000	67 000	275	175
		1 615 905	3 951 700		
NEW JERSEY					
*YARDLEY *	DELAWARE	30 000	145 000	NA	45
* LUMBERVILLE *	DELAWARE	30 000	130 000	NA	50
* RIEGELVILLE *	DELAWARE	30 000	130 000	NA	50
* CHESTNUT HILL *	DELAWARE	20 000	90 000	NA	45
* BELVIDERE *	DELAWARE	85 000	225 000	100	120
TOCKS ISLAND	DELAWARE	46 000	281 500	410	107
		241 000	1 001 500		
PENNSYLVANIA					
YARDLEY *	DELAWARE	30 000	145 000	NA	45
LUMBERVILLE *	DELAWARE	30 000	130 000	NA	50
RIEGELVILLE *	DELAWARE	30 000	130 000	NA	50
MAUCH CHUNK	LEHIGH	150 000	325 000	NA	1 060
CHESTNUT HILL *	DELAWARE	20 000	90 000	NA	45

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
PENNSYLVANIA (CONTD)						
	BELVIDERE #	DELAWARE	85 000	225 000	100	120
	FLAT BROOK	FLAT BROOK	230 000	350 000	475	260
	BARRYVILLE #	DELAWARE	14 850	63 000	19	70
	WALLENPAUPACK	LACKAWAXEN	40 000	0	158	370
	NARROWSBURG #	DELAWARE	7 950	32 000	9	40
A	HOLTWOOD	SUSQUEHANNA	40 000	180 000	19	51
A	SAFE HARBOR	SUSQUEHANNA	140 000	0	63	54
	SHOCKS MILLS	SUSQUEHANNA	300 000	980 000	100	60
R	YORK HAVEN	SUSQUEHANNA	2 500-	16 000-	NA	21
R	YORK HAVEN	SUSQUEHANNA	19 620-	115 000-	U	22
	MARYSVILLE	SUSQUEHANNA	180 000	520 000	35	32
	VINEYARD	JUNIATA	24 000	93 000	12	53
	RAYSTOWN	RAYSTOWN BR	270 000	109 000	292	166
A	WARRIOR RIDGE	JUNIATA	1 000	0	U	27
	HALF FALLS	SUSQUEHANNA	160 000	850 000	80	75
	MUNCY	W BR SUSQUEHANNA	60 000	235 000	NA	38
	CAMMAL	PINE CR	85 000	130 000	300	235
	BLANCHARD	BALD EAGLE CR	10 000	18 700	109	66
	LOCK HAVEN	W BR SUSQUEHANNA	80 000	212 000	18	82
	KETTLE CREEK	KETTLE CR	16 000	30 000	90	150
	FIRST FORK	FIRST FK	18 000	35 500	120	164
	KEATING	W BR SUSQUEHANNA	575 000	550 000	1 100	353
	CURWENSVILLE	W BR SUSQUEHANNA	25 000	47 000	200	138
	FALLS	SUSQUEHANNA	250 000	760 000	1 000	150
	HALLSTEAD	SUSQUEHANNA	12 200	52 000	U	36
	DAM NO 1	CONNOQUENESSING	45 000	59 000	25	95
	DAM NO 2	SLIPPERY ROCK CR	13 000	20 000	U	70
	DAM NO 3	SLIPPERY ROCK CR	25 000	35 000	U	120
	DAM NO 4	SLIPPERY ROCK CR	17 000	26 000	NA	90
	EMSWORTH	OHIO	22 000	87 000	U	23
	DAM C	YOUGHIOGHENY	15 000	49 000	NA	50
	DAM B	YOUGHIOGHENY	25 000	80 000	NA	85
	DAM A	YOUGHIOGHENY	25 000	80 000	NA	85
	YOUGHIOGHENY	YOUGHIOGHENY	24 000	76 000	100	126
	FOXBURG	CLARION	130 000	180 000	U	150
A	PINEY	CLARION	9 600	16 100	13	83
	MILL CREEK	CLARION	110 000	175 000	630	225
			3 322 480	7 044 300		
MIDDLE ATLANTIC TOTAL			5 179 385	11 997 500		
EAST NORTH CENTRAL						
OHIO						
	DEFIANCE	AUGLAIZE	5 000	8 600	12	24
	EAST FORK	E FK LIT MIAMI	10 000	32 000	164	170
	OREGONIA	LITTLE MIAMI	5 000	15 000	25	55
	MELDAHL #	OHIO	35 000	175 000	U	30
	GREENUP #	OHIO	35 000	170 000	U	30
	GALLIPOLIS L & D	OHIO	40 000	120 000	U	23
	RACINE #	OHIO	22 500	125 000	U	22
	BELLEVILLE #	OHIO	22 500	125 000	U	22
	WILLOW ISLAND #	OHIO	22 500	115 000	U	20
	HANNIBAL #	OHIO	22 500	120 000	U	21
	PIKE ISLAND #	OHIO	16 000	100 000	U	21
	NEW CUMBERLAND #	OHIO	16 000	100 000	U	20
			252 000	1 205 600		

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
INDIANA					
PETERSBURG	WHITE	25 000	130 000	U	28
LOST RIVER	E FK WHITE	15 000	70 000	U	28
SHOALS	E FK WHITE	30 000	110 000	151	57
SPENCER	W FK WHITE	15 000	60 000	86	54
CLINTON	WABASH	<u>75 000</u>	225 000	290	62
DELPHI	WABASH	<u>75 000</u>	160 000	248	74
UNIONTOWN #	OHIO	30 000	160 000	NA	18
NEWBURGH	OHIO	<u>50 000</u>	170 000	U	16
MARKLAND	OHIO	<u>81 000</u>	450 000	17	35
		396 000	1 535 000		
ILLINOIS					
STARVED ROCK	ILLINOIS	12 000	60 000	U	18
WEDRON	FOX	8 000	48 000	95	68
MARSEILLES	ILLINOIS	11 000	60 000	U	24
DRESDEN ISLAND	ILLINOIS	12 000	62 000	U	20
BRANDON ROAD	DES PLAINES	13 000	70 000	U	34
OLD STATE DAM	KANKAKEE	6 600	31 000	U	20
CUSTER PARK	KANKAKEE	15 000	85 000	58	58
BARSTOW	ROCK	12 500	61 000	464	28
GRAND DETOUR	ROCK	9 300	52 000	U	24
BYRON	ROCK	6 800	37 000	U	19
A ROCK ISLAND	MISSISSIPPI	10 000	80 000	NA	16
MOUND CITY #	OHIO	<u>50 000</u>	250 000	NA	33
DOG ISLAND #	OHIO	30 000	160 000	NA	19
DANVILLE	VERMILLION	10 000	25 000	110	60
		206 200	1 081 000		
MICHIGAN					
THOMPSON	AU SABLE	12 000	36 500	NA	48
UPPER FLAT ROCK	AU SABLE	25 000	68 000	NA	107
BAKER BRIDGE	AU SABLE	5 500	13 300	NA	32
EATON	AU SABLE	5 000	10 700	NA	48
ANDERSON	MANISTEE	10 000	25 000	NA	19
HIGH BRIDGE	MANISTEE	6 800	16 300	NA	15
WILSON	S BR MANISTEE	8 200	20 000	NA	110
LOWER SIBLEY	MANISTEE	17 000	41 000	NA	55
SHERMAN	MANISTEE	16 000	38 000	NA	61
MANTON	MANISTEE	9 500	22 700	NA	45
WALTON	MANISTEE	5 600	13 300	NA	31
SANDS	MANISTEE	10 000	23 500	NA	66
DUTCH JOHN	MANISTEE	5 000	12 000	NA	40
BRIDGETON	MUSKEGON	6 000	25 700	NA	22
BACON	MUSKEGON	15 000	36 000	NA	31
GRAND RAPIDS	GRAND	6 700	30 000	U	17
A ALLEGAN	KALAMAZOO	50	0	NA	12
KINGS LANDING	ST JOSEPH	7 200	29 400	U	18
CHAPPIE RAPIDS	MENOMINEE	5 200	24 000	U	16
PEMENE FALLS	MENOMINEE	10 000	40 000	NA	32
PEMENE DAM	MENOMINEE	7 000	33 000	U	28
A STURGEON FALLS	MENOMINEE	1 500	800	NA	26
SAND PORTAGE	MENOMINEE	4 600	23 000	U	43
A BIG QUINNESEC	MENOMINEE	8 000	32 000	U	91
TAHQUAMENON FALLS	TAHQUAMENON	4 500	30 000	NA	93
LOWER PLANT	STURGEON	16 300	19 000	NA	90
BIG FALLS	STURGEON	17 600	24 000	46	110
TIBBETS FALLS	STURGEON	12 000	12 200	46	112
GRAND RAPIDS	ONTONAGON	4 800	32 000	NA	55
FORKS	ONTONAGON	4 200	28 000	NA	40
HOOPER	W BR ONTONAGON	6 000	23 000	NA	70
		272 250	782 400		

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
WISCONSIN						
A	LEEMAN	WOLF	5 000	12 400	U	20
	KESHENA FALLS	WOLF	5 500	15 000	U	37
	DALLES	WOLF	10 200	27 200	9	83
	SHOTGUN RAPIDS	WOLF	5 800	15 300	U	56
A	STILES	OCONTO	500	2 000	NA	20
	ROARING RAPIDS	PESHTIGO	9 700	49 000	U	200
	SAND PORTAGE	MENOMINEE	4 600	23 000	U	43
	BAKER	BAD	4 900	27 000	44	104
	BRIDGEPORT	WISCONSIN	14 700	96 000	NA	25
	BOSCobel	WISCONSIN	16 500	107 000	NA	29
	MUSCODA	WISCONSIN	10 400	65 000	NA	20
	LONE ROCK	WISCONSIN	14 200	90 000	NA	28
	HONEY CREEK	WISCONSIN	5 100	32 000	NA	12
	CENTRALIA	WISCONSIN	800	4 000	NA	15
A	TRAPPE RAPIDS	WISCONSIN	5 600	28 000	NA	24
	BLACK RIVER NO 1	BLACK	7 600	26 000	U	40
	DURAND NO 1	CHIPPEWA	15 000	74 500	NA	26
	DURAND NO 2	CHIPPEWA	60 000	177 000	NA	42
	JIM FALLS	CHIPPEWA	4 800	17 200	U	54
A	LITTLE FALLS 2/	WILLOW	300-	700-	U	27
	NEVERS +	ST CROIX	10 000	40 000	55	45
	KETTLE RIVER RPDS +	ST CROIX	13 750	60 000	141	78
			224 350	986 900		
EAST NORTH CENTRAL TOTAL			1 350 800	5 590 900		
WEST NORTH CENTRAL						
MINNESOTA						
	GRAND RAPIDS	ST LOUIS	10 000	57 000	NA	66
	BAPTISM	BAPTISM	11 400	60 000	33	598
	LOWER POPLAR	POPLAR	4 500	26 000	NA	278
	UPPER POPLAR	POPLAR	7 400	38 000	93	460
	CASCADE	CASCADE	5 600	26 800	35	663
	BRULE NO 5	BRULE	6 200	34 000	NA	270
	BRULE NO 4	BRULE	7 200	39 500	NA	320
	BRULE NO 3	BRULE	5 100	28 400	NA	230
	HIGH FALLS	PIGEON	10 600	45 000	NA	225
A	ROCHESTER	ZUMBRO	2 160	4 000	24	57
	NEVERS +	ST CROIX	10 000	40 000	55	45
	KETTLE RIVER RPDS +	ST CROIX	13 750	60 000	141	78
	BAILEY	MISSISSIPPI	11 200	59 000	NA	29
	MONTICELLO	MISSISSIPPI	11 200	60 000	NA	30
	CLEARWATER	MISSISSIPPI	11 200	59 000	NA	29
A	BLANCHARD	MISSISSIPPI	6 000	20 900	U	45
R	BRAINERD	MISSISSIPPI	11 500	60 000	NA	38
	BRAINERD	MISSISSIPPI	2 800-	15 000-	NA	20
			142 210	702 600		
IOWA						
	BELFAST	DES MOINES	17 200	81 000	U	46
	BENTONSPORT	DES MOINES	8 100	34 000	U	22
	KILBOURNE	DES MOINES	7 200	30 000	U	20
	RED ROCK	DES MOINES	17 200	103 600	400	53
A	KEOKUK	MISSISSIPPI	33 600	0	128	12
	MUSCATINE	CEDAR CR DIV	25 000	100 000	72	105
	ROCHESTER	CEDAR	28 000	85 000	220	55
	CEDAR RAPIDS	CEDAR	9 600	44 000	170	45
	PROJECT NO 13 A	CEDAR	11 200	40 000	U	38
A	CEDAR FALLS	CEDAR	25 000	70 000	NA	11
B	SIOUX C TO NEBR C +	MISSOURI	200 000	1 100 000	NA	195
			382 100	1 687 600		

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE						
MISSOURI						
A E	→ DONIPHAN	CURRENT	60 000	155 000	99	100
	→ BLAIR CREEK	CURRENT	60 000	142 000	1 030	174
	→ CLEARWATER	BLACK	28 000	47 000	145	104
	→ OZARK BEACH	WHITE	8 000	10 000	9	54
	→ TABLE ROCK	WHITE	0	2 000	1 182	204
B	→ GALENA	JAMES	54 400	57 000	437	137
	→ WAPPAPELLO	ST FRANCIS	7 500	21 000	14	32
	→ ROWLAND CHURCH	ST FRANCIS	35 000	51 000	82	98
	→ MARBLE CREEK	ST FRANCIS	30 000	47 000	235	116
	→ UNION	BOURBEUSE	8 000	25 000	161	85
	→ MERAMEC PARK	MERAMEC	60 000	246 000	50	240
	→ JOANNA	SALT	27 000	62 400	437	107
	→ KANS CITY TO MOUTH	MISSOURI	1 200 000	6 500 000	NA	345
	→ RICH FOUNTAIN	GASCONADE	35 000	96 000	220	78
	→ ARLINGTON	GASCONADE	30 000	120 000	331	101
B B	→ RICHLAND	GASCONADE	25 000	49 000	475	97
	→ LOCK NO 2	OSAGE	20 000	160 000	15	25
	→ NIANGUA	NIANGUA	9 700	32 000	92	98
	→ KAYSINGER BLUFF	OSAGE	76 400	194 000	637	79
	→ POMME DE TERRE	POMME DE TERRE	16 800	27 700	165	117
	→ STOCKTON	SAC	45 200	55 000	643	112
	→ CHILLICOTHE	GRAND	18 000	95 000	1 521	50
	→ RULO TO KANS CITY ‡	MISSOURI	170 000	1 000 000	NA	120
	→ NEBR CITY TO RULO ‡	MISSOURI	50 000	300 000	NA	40
			2 074 000	9 494 100		
NORTH DAKOTA						
	BISMARCK	MISSOURI	100 000	470 000	NA	43
	LINCOLN VALLEY	GARRISON CANAL	50 000	200 000	NA	126
	LONE TREE	GARRISON CANAL	45 000	190 000	NA	123
			195 000	860 000		
SOUTH DAKOTA						
B	YANKTN TO SIOUX C ‡	MISSOURI	80 000	350 000	NA	80
	BIG BEND	MISSOURI	468 000	907 000	260	78
	PONY HILLS	DIVERSION CANAL	180 000	390 000	760	241
	CHERRY CREEK	CHEYENNE	14 000	49 000	223	90
	PEDRO	CHEYENNE	13 000	46 000	198	90
	ANGOSTURA	S FK CHEYENNE	10 000	33 000	255	148
	COAL MINE	S FK CHEYENNE	6 000	15 800	103	91
			771 000	1 790 800		
NEBRASKA						
B	NEBR CITY TO RULO ‡	MISSOURI	50 000	300 000	NA	40
	SOUTH BEND	PLATTE	27 000	110 000	28	34
	NICKERSON	MAPLE CR	5 600	23 000	NA	70
	MAPLE CREEK	MAPLE CR	5 300	22 000	NA	65
	WATERLOO	PLATTE	11 000	90 000	NA	48
A	ROGERS	PLATTE	23 100	180 000	NA	100
	CUSHING	NORTH LOUP	6 000	19 000	NA	88
	DAVIS CREEK NO 2	NORTH LOUP	11 000	21 000	NA	172
	LEES PARK	MIDDLE LOUP	6 100	30 000	NA	144
	JOHNSON NO 2	PLATTE CANAL	18 000	0	U	146
A	PLUM CREEK	PLUM CR	24 000	31 000	NA	138
	SUTHERLAND	S PLATTE	4 050	8 000	33	31
	NORTH PLATTE	N PLATTE CANAL	26 100	50 000	U	213
	KINGSLEY	NORTH PLATTE	22 500	95 000	1 900	140
	NORTH PORT	NORTH PLATTE	10 000	49 000	NA	260

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NEBRASKA (CONTD)						
B	SIoux C TO NEBR C #	MISSOURI	200 000	1 100 000	NA	195
B	YANKTN TO SIOUX C #	MISSOURI	80 000	350 000	NA	80
	NIOBRARA	NIOBRARA	17 800	78 000	400	130
	REDBIRD	NIOBRARA	12 600	58 000	200	100
	SPENCER	NIOBRARA	19 500	100 000	210	160
R	SPENCER	NIOBRARA	2 640-	11 000-	NA	21
	PHOENIX	NIOBRARA	8 500	48 000	NA	120
	PHOENIX	NIOBRARA	9 400	48 000	22	100
	OTTER CREEK	NIOBRARA	12 000	66 000	72	145
	LONG PINE	LONG PINE	21 000	46 000	69	150
	MEADOWVILLE	NIOBRARA	9 100	43 000	NA	82
	RESERVOIR NO 5	NIOBRARA	5 400	28 000	21	75
	SPARKS	NIOBRARA	5 400	21 000	21	80
			647 810	3 003 000		
KANSAS						
	EDWARDSVILLE	KANSAS	25 000	85 000	NA	35
	EUDORA	KANSAS	25 000	90 000	NA	40
	LECOMPTON	KANSAS	15 000	60 000	NA	30
	TECUMSEH	KANSAS	15 000	54 000	NA	30
	TOPEKA	KANSAS	20 000	78 000	120	45
R	TUTTLE CREEK	BIG BLUE	20 000	55 000	350	81
	ROCKY FORD	BIG BLUE	460-	1 300-	NA	19
	MILFORD	REPUBLICAN	13 000	38 000	300	65
B	RULO TO KANS CITY #	MISSOURI	170 000	1 000 000	NA	120
			302 540	1 458 700		
WEST NORTH CENTRAL TOTAL			4 514 660	18 996 800		
SOUTH ATLANTIC						
DELAWARE			0	0		
MARYLAND						
A	CONOWINGO	SUSQUEHANNA	222 480	425 000	71	89
	BEAR ISLAND #	POTOMAC	50 000	134 000	NA	74
	SENECA #	POTOMAC	30 000	150 000	460	61
	ORLEANS #	POTOMAC	15 000	30 000	U	55
	BLOOMINGTON #	N BR POTOMAC	20 000	30 000	92	250
	SANG RUN	YOUGHIOGHENY	48 000	153 000	U	560
			385 480	922 000		
DIST OF COLUMBIA			0	0		
VIRGINIA						
	OCCOQUAN	OCCOQUAN	17 500	47 000	201	165
	CHAIN BRIDGE	POTOMAC	50 000	240 000	NA	50
	BEAR ISLAND	POTOMAC	50 000	134 000	NA	74
	SENECA	POTOMAC	30 000	150 000	460	61
	WEVERTON	POTOMAC	60 000	200 000	U	39
R	FREDERICKSBURG	RAPPAHANNOCK	22 000	55 000	U	63
	EMBREY	RAPPAHANNOCK	3 150-	21 000-	U	51
	SALEM CHURCH 1/	RAPPAHANNOCK	66 000	151 000	330	156
	SALEM CHURCH 1/	RAPPAHANNOCK	36 000	19 000	NA	176
	GOODALL	SOUTH ANNA	5 100	15 000	74	90

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE						
VIRGINIA (CONTD)						
	ROCK FALLS	NORTH ANNA	5 900	16 000	U	74
	12TH STREET	JAMES	21 000	103 000	U	28
R-	TWELFTH STREET	JAMES	8 800-	35 600-	U	22
	BELLE ISLE	JAMES	24 000	129 000	U	37
R-	PARK	JAMES	2 100-	12 000-	U	48
	HOLLYWOOD	JAMES	2 025-	21 400-	U	25
R-	BELLE ISLE	JAMES	3 000-	16 000-	U	21
	BOULEVARD	JAMES	21 000	110 000	U	32
R-	BYRD PARK	JAMES	1 125-	7 600-	U	19
	BOSHER	JAMES	24 000	126 000	9	32
	PEMBERTON	JAMES	<u>232 000</u>	356 000	1 250	110
	ROCK HOUSE	JAMES	12 000	74 000	U	29
	JOSHUA FALLS	JAMES	16 000	82 000	U	44
	BALCONY FALLS	JAMES	16 000	84 000	U	50
R-	BALCONY FALLS	JAMES	1 920-	10 000-	U	15
	MAURY	NORTH	<u>69 000</u>	61 000	196	301
	LYLE	JAMES	10 000	57 000	U	46
	HIPES	CRAIG CR	18 000	27 000	220	143
	GATHRIGHT	JACKSON	34 000	54 700	264	245
	SCHOOLFIELD	DAN	<u>76 000</u>	93 000	145	86
R-	SCHOOLFIELD	DAN	5 300-	15 000-	NA	28
	STUART	SMITH	15 000	40 000	150	118
	RANDOLPH	ROANOKE	<u>50 000</u>	73 000	135	66
	MELROSE	ROANOKE	<u>50 000</u>	146 000	U	106
	TABER	ROANOKE	10 000	41 000	6	37
	LEESVILLE	ROANOKE & PIGG	40 000	60 000	20	75
	SMITH MOUNTAIN	ROANOKE	<u>450 300</u>	400 000	700	195
	FOSTER FALLS	NEW	20 000	140 000	NA	50
	FRIES JUNCTION	NEW	15 000	105 000	NA	60
R-	FRIES	NEW	3 050-	16 000-	NA	40
	LOWER DAM	NEW	20 000	90 000	NA	NA
	UPPER DAM	NEW	40 000	280 000	NA	NA
			1 595 330	3 604 100		
WEST VIRGINIA						
	MILLVILLE REREG	SHENANDOAH	40 000	70 000	NA	50
	DAM NO 3	POTOMAC	30 000	80 000	U	35
R	HARPERS FERRY	POTOMAC	840-	6 100-	U	26
	NO 4 REDEVELOPMENT	POTOMAC	30 000	80 000	U	35
R	DAM NO 4	POTOMAC	1 000-	7 500-	U	19
	DAM NO 5	POTOMAC	1 120-	7 600-	U	17
	NO 5 REDEVELOPMENT	POTOMAC	30 000	80 000	U	45
	EDES FORT	CACAPON	<u>120 000</u>	68 000	180	225
R	CACAPON	CACAPON	<u>720-</u>	2 000-	U	24
	ORLEANS #	POTOMAC	15 000	30 000	U	55
	SPRINGFIELD	S BR POTOMAC	<u>60 000</u>	124 000	650	178
	ROYAL GLENN	S BR POTOMAC	<u>24 000</u>	65 000	228	175
	BLOOMINGTON †	N BR POTOMAC	20 000	30 000	92	250
	MT STORM	STONY	36 000	50 000	25	796
	SWISS	GAULEY	20 000	110 000	NA	100
	CARNIFEX	GAULEY	<u>220 000</u>	640 000	17	490
	MEADOW RIVER	MEADOW	<u>70 000</u>	250 000	200	680
	SUMMERSVILLE	GAULEY	<u>90 000</u>	430 000	163	370
	GAULEY MILLS	GAULEY	40 000	110 000	265	400
	THURMOND	NEW	<u>200 000</u>	1 000 000	U	240
	SANDSTONE	NEW	<u>240 000</u>	1 220 000	U	290
	BLUESTONE	NEW	<u>180 000</u>	920 000	170	125
	RACINE †	OHIO	22 500	125 000	U	22
	BELLEVILLE †	OHIO	22 500	125 000	U	22
	WILLOW ISLAND †	OHIO	22 500	115 000	U	20

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE						
WEST VIRGINIA(CONTD)						
	HANNIBAL *	OHIO	22 500	120 000	U	21
	PIKE ISLAND †	OHIO	16 000	100 000	U	21
	NEW CUMBERLAND †	OHIO	16 000	100 000	U	20
	MONTGOMERY	OHIO	30 000	190 000	U	23
	BEAVER HOLE	CHEAT	<u>450 000</u>	620 000	50	310
	TYGART	TYGART	40 000	173 000	90	170
	LAUREL	TYGART	<u>70 000</u>	200 000	270	480
			2 173 320	6 801 800		
NORTH CAROLINA						
	SMITHFIELD	NEUSE	9 000	14 300	U	21
	WILSON MILLS	NEUSE	8 500	9 700	U	40
	MILBURNIE	NEUSE	9 500	8 500	10	40
	FALLS	NEUSE	11 000	11 000	22	50
	SMILEY FLS REREG	CAPE FEAR	20 000	73 000	U	28
	SMILEY FALLS	CAPE FEAR	33 000	120 000	30	55
	LILLINGTON	CAPE FEAR	27 000	95 000	130	45
	LOCKVILLE	DEEP	13 000	38 000	18	49
	NEW HOPE	HAW	10 000	21 900	119	52
	MOORES MILL	HAW	22 400	56 000	U	70
	BYNUM	HAW	30 000	65 000	30	90
R	BYNUM	HAW	600-	1 600-	NA	15
	MANDALE	HAW	22 400	54 000	153	80
	MORVEN	PEE DEE	<u>57 000</u>	125 000	U	40
	CRUMPS FORD	ROCKY	<u>79 000</u>	90 000	220	135
	NANCES FORD	ROCKY	5 200	19 400	17	68
	LOVES FORD	ROCKY	11 500	36 000	124	108
A	YADKIN NARROWS	YADKIN	49 500	254 000	129	177
	COOLEEMEE	SOUTH YADKIN	15 100	22 500	427	86
	JUNCTION	YADKIN	<u>69 000</u>	91 000	220	61
	STYERS	YADKIN	<u>54 000</u>	76 000	185	65
	UPPER DONNAHA	YADKIN	<u>90 000</u>	131 000	220	124
	ELKIN	YADKIN	17 400	44 000	122	73
	LINCOLNTON	SOUTH FORK	7 500	10 000	246	83
R	LINCOLN PLANT	SOUTH FORK	150-	1 200-	NA	NA
A	COWANS FORD	CATAWBA	<u>87 500</u>	0	415	112
	MORGANTON	CATAWBA	26 900	52 000	330	70
	CLINCHFIELD	BROAD	<u>59 000</u>	70 000	390	140
	FOSTER	GREEN	10 000	21 000	14	115
	SALUDA	GREEN	<u>50 000</u>	100 000	9	687
	HORSEPASTURE	HORSEPASTURE	<u>58 000</u>	88 000	12	860
	UPPER WHITEWATER	WHITEWATER	16 600	18 000	NA	NA
A	HIGHLANDS	CULLASAJA CR	400	1 800	U	220
	ELK SHOAL	CANE CREEK	10 000	29 000	38	410
	FINES CREEK	PIGEON	<u>60 000</u>	115 000	335	302
	HALSEY	NEW	25 000	90 000	200	164
			1 073 650	2 047 300		
SOUTH CAROLINA						
A	PINOPOLIS	SANTEEG&COOPER	30 600	30 000	1 100	70
	BUCKINGHAM LNDING	SANTEEG	<u>85 000</u>	500 000	1 310	55
A-	ROCKY CREEK	CATAWBA	6 000	2 400	U	58
	EBB LAKE	CATAWBA	<u>75 000</u>	NA	NA	NA
	COURTNEY ISLAND	CATAWBA	<u>87 000</u>	112 000	24	56
	SUGAR CREEK	CATAWBA	25 000	55 000	7	32
	REREGULATOR	CONGAREE	30 000	180 000	U	40
R	COLUMBIA	BROAD	10 600-	50 500-	U	32
	FROST SHOALS	BROAD	<u>150 000</u>	191 000	105	77
	BURNT FACTORY	TIGER	8 100	31 000	46	90

36%
Plant
Factor

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE						
SOUTH CAROLINA (CONTD)						
R	NESBIT	TIGER	7 000	26 000	45	98
	BLAIRS	BROAD	<u>184 000</u>	209 000	540	80
	NEAL SHOALS	BROAD	<u>5 200-</u>	30 000-	NA	25
	GREATER LOCKHART	BROAD	<u>179 000</u>	188 000	1 090	116
R	99 ISLANDS	BROAD	<u>18 000-</u>	56 000-	U	68
R	GREATER CHEROKEE	BROAD	12 000	50 000	U	36
	CHEROKEE FALLS	BROAD	1 817-	6 500-	U	17
	GR GASTON SHOALS	BROAD	<u>128 000</u>	158 000	260	134
	GASTON SHOALS	BROAD	<u>9 140-</u>	36 000-	U	46
A	SALUDA	SALUDA	<u>65 000</u>	0	1 613	189
	WALTERBORO	EDISTO	15 000	84 000	123	80
	STOKES BLUFF †	SAVANNAH	30 000	98 000	100	33
	BURTONS LANDING †	SAVANNAH	<u>50 000</u>	173 000	90	48
	TROTTERS SHOALS	SAVANNAH	<u>310 000</u>	471 400	57	168
	NEWRY-OLD PICKENS	KEOWEE	<u>150 000</u>	94 000	542	140
	JOCASSEE	KEOWEE	<u>150 000</u>	77 000	182	300
	LOWER WHITEWATER	WHITEWATER	22 000	32 000	2 000	NA
	CAMP CREEK	CHATTOOGA	<u>100 000</u>	75 000	5	180
	ROGUES FORD	CHATTOOGA	<u>120 000</u>	77 500	5	246
	WAR WOMAN	CHATTOOGA	<u>80 000</u>	50 300	83	182
			2 053 943	2 785 600		
	GEORGIA					
A	STOKES BLUFF †	SAVANNAH	30 000	99 000	100	33
	BURTONS LANDING †	SAVANNAH	50 000	172 000	90	48
	ANTHONY SHOALS	BROAD	<u>100 000</u>	61 500	113	70
	TALLOW HILL	BROAD	<u>172 000</u>	113 000	560	190
	HARTWELL	SAVANNAH	<u>66 000</u>	0	1 415	192
	SAND BOTTOM	CHATTOOGA	<u>66 000</u>	43 000	U	141
	CHATTOOGA	CHATTOOGA	<u>44 000</u>	54 000	NA	NA
	GOOSE CREEK	ALTAMAHA	<u>180 000</u>	275 000	330	45
	CYPRESS BRANCH	OCONEE	15 000	118 000	25	29
	ROCKLEDGE	OCONEE	18 000	136 000	25	37
	DUBLIN	OCONEE	18 000	131 000	25	37
	TOOMSBORO	OCONEE	14 000	101 000	45	36
R	MURDER CREEK	MURDER CR	<u>60 000</u>	126 000	205	131
	LAURENS SHOALS	OCONEE	<u>150 000</u>	120 000	608	115
	BARNETT SHOALS	OCONEE	10 000	38 000	U	68
	BARNETT SHOALS	OCONEE	2 800-	15 000-	U	50
	COOPERS FERRY	OCMULGEE	<u>50 000</u>	129 000	335	49
	ABBEVILLE	OCMULGEE	<u>50 000</u>	126 000	699	65
E	PEACHSTONE	SOUTH	13 000	21 000	107	66
	SATILLA-ST MARYS	ST MARYS DIV	<u>100 000</u>	133 000	1 550	51
	WALTER F GEORGE	CHATTAHOOCHEE	0	7 000	207	87
	COLUMBUS	CHATTAHOOCHEE	30 000	130 000	NA	33
	COLUMBUS	CHATTAHOOCHEE	4 100-	25 000-	NA	26
	COLUMBUS	CHATTAHOOCHEE	180-	300-	NA	10
R	NEW RIVERVIEW	CHATTAHOOCHEE	<u>65 000</u>	115 000	NA	39
R	RIVERVIEW	CHATTAHOOCHEE	480-	3 600-	U	15
	LANGDALE	CHATTAHOOCHEE	1 040-	7 000-	U	16
	WEST POINT	CHATTAHOOCHEE	<u>107 000</u>	191 000	85	69
	* FRANKLIN	CHATTAHOOCHEE	<u>50 000</u>	108 000	20	50
	* CEDAR CREEK	CHATTAHOOCHEE	<u>50 000</u>	101 000	134	60
	X VININGS	CHATTAHOOCHEE	18 200	53 000	U	43
R	MORGAN FALLS	CHATTAHOOCHEE	<u>60 000</u>	160 000	94	117
	MORGAN FALLS	CHATTAHOOCHEE	16 800-	68 000-	U	46
	NEW BRIDGE	CHESTATEE	<u>50 000</u>	34 000	180	156
	MUD CREEK	CHATTAHOOCHEE	36 000	48 000	88	130
	IRWINS BRIDGE	SOQUE	20 000	15 000	31	103
	LOWER VADA	FLINT	28 000	167 000	11	49
A	FLINT RIVER	FLINT	1 800	11 000	U	27
	ABRAMS CREEK	FLINT	11 800	41 000	800	20
	MOUNTAIN CREEK	FLINT	42 000	60 000	8	36

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
GEORGIA (CONTD)						
	MIONA	FLINT	39 000	63 000	22	48
	LOWER AUCHUMPEE	FLINT	<u>81 000</u>	122 800	135	97
	LAZER CREEK	FLINT	<u>87 000</u>	121 600	88	126
	SPEWRELL BLUFF		<u>100 000</u>	133 100	322	154
	KINGSTON	ETOWAH	<u>69 000</u>	74 000	83	70
A	ALLATOONA	ETOWAH	36 000	0	285	146
	CANTON	ETOWAH	11 400	42 000	U	67
	GILMER	ETOWAH	<u>69 000</u>	60 000	370	160
	ARMUCHEE	OOSTANAULA	24 000	99 000	345	60
	CARTERS DAM	COOSAWATTEE	<u>250 000</u>	174 200	156	404
	CARTECAY	CARTECAY	10 500	29 000	160	201
	TILTON	CONASAUGA	10 000	41 000	430	65
			<u>2 537 300</u>	<u>4 078 300</u>		
FLORIDA						
E	MACCLENNY	ST MARYS	37 000	23 000	520	61
	JIM WOODRUFF	APALACHICOLA	0	6 000	36	32
	CRESTVIEW	YELLOW	47 000	53 000	420	90
			<u>84 000</u>	<u>82 000</u>		
<u>SOUTH ATLANTIC TOTAL</u>			<u>9 903 023</u>	<u>20 321 100</u>		
<u>EAST SOUTH CENTRAL</u>						
KENTUCKY						
	MOUND CITY †	OHIO	<u>50 000</u>	250 000	NA	33
	BARKLEY	CUMBERLAND	<u>130 000</u>	582 200	U	52
	CELINA	CUMBERLAND	<u>69 000</u>	227 000	10	50
	DEVILS JUMPS	BIG SOUTH FK	<u>480 000</u>	475 000	1 650	457
	ROCKCASTLE	ROCKCASTLE	<u>48 000</u>	44 000	90	142
	PARKER BRANCH	ROCKCASTLE	22 000	17 000	164	133
	LAUREL	LAUREL	<u>50 000</u>	56 000	195	258
	CUMBERLAND FALLS	CUMBERLAND	<u>100 000</u>	185 000	U	150
	JELICO CREEK	JELICO CREEK	42 333	22 000	389	195
	DOG ISLAND †	OHIO	30 000	160 000	NA	19
	UNIONTOWN †	OHIO	30 000	160 000	NA	18
	ROCHESTER	GREEN	30 000	120 000	280	38
	BARREN NO 2	BARREN	<u>50 000</u>	105 000	653	130
	NOLIN RIVER RES	NOLIN	22 000	59 000	300	133
	CANNELTON	OHIO	<u>70 000</u>	380 000	U	26
A	ROLLING FORK RES	SALT	5 000	30 000	90	70
	OHIO FALLS	OHIO	19 200	100 000	NA	33
	LOCK NO 3	KENTUCKY	9 400	53 000	U	25
	BOONEVILLE	S FK KENTUCKY	7 300	42 000	258	140
	FINCASTLE RES	N FK KENTUCKY	14 400	45 000	81	70
	POOLS CREEK	LICKING	30 000	79 000	64	50
	BOSTON STATION	LICKING	22 500	56 000	38	40
	FALMOUTH	LICKING	<u>180 000</u>	255 000	365	133
	MELDAHL †	OHIO	35 000	175 000	U	30
	GREENUP †	OHIO	35 000	170 000	U	30
			<u>1 581 133</u>	<u>3 847 200</u>		
TENNESSEE						
	JACKS RIVER	CONASAUGA	5 800	16 700	98	190
	NICKAJACK	TENNESSEE	<u>97 200</u>	666 000	21	41
	HALES BAR	TENNESSEE	<u>99 700</u>	555 000	12	41
A	CHICKAMAUGA	TENNESSEE	27 000	30 000	U	41
A	OCOE NO 1	OCOE	40 000	15 000	33	117
	AUSTRAL	HIWASSEE	<u>70 000</u>	170 000	87	121
	NEMO	OBED	<u>80 000</u>	190 000	170	366
	MELTON HILL	CLINCH	<u>72 000</u>	167 000	26	60
	TELLICO	LITTLE TENNESSEE	<u>135 000</u>	228 000	93	78
	NOLICHUCKY	NOLICHUCKY	40 000	135 000	1 250	115

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
TENNESSEE (CONTD)					
ERWIN	NOLICHUCKY	65 000	160 000	497	268
HARTFORD	PIGEON	20 000	110 000	U	237
SURGOINSVILLE	HOLSTON	72 000	172 000	35	75
THREE ISLANDS	XHARPETH	18 000	45 000	152	89
J PERCY PRIEST	XSTONES	28 000	70 000	34	98
CORDELL HULL	CUMBERLAND	92 000	350 000	32	55
		762 300	1 969 700		
ALABAMA					
DEMOPOLIS	TOMBIGBEE	35 000	150 000	1 050	38
WILLIAM B OLIVER	WARRIOR	16 000	103 000	U	30
NORTH RIVER	NORTH	14 000	51 000	500	146
HOLT LOCK AND DAM	BLACK WARRIOR	40 050	120 000	U	54
SAYRE	LOCUST FK	30 800	37 000	U	49
SMITHS FORD	LOCUST FK	115 200	84 300	508	183
AUSTIN CREEK	LOCUST FK	7 300	25 000	U	93
UPPER	LOCUST FK	20 000	40 000	393	154
DORSEY CREEK	MULBERRY FK	62 000	61 000	420	135
MILLERS FERRY	ALABAMA	76 000	429 000	22	49
JONES BLUFF	ALABAMA	68 000	335 000	15	45
BRIDGEVIEW	TALLAPOOSA	105 000	130 000	U	35
WALLAHATCHIE	TALLAPOOSA	82 000	97 000	U	40
A YATES	TALLAPOOSA	30 000	0	9	55
A MARTIN DAM	TALLAPOOSA	171 000	42 000	1 375	145
EMUCKFAW	TALLAPOOSA	181 000	196 000	284	121
MALONE FERRY	TALLAPOOSA	25 600	27 000	U	28
CROOKED CREEK	TALLAPOOSA	139 000	148 000	161	130
OAKFUSKEE	TALLAPOOSA	46 000	45 500	620	100
JORDAN NO 2	COOSA	225 000	880 000	55	127
A JORDAN NO 1	COOSA	25 000	390 000	44	89
A MITCHELL	COOSA	65 000	136 000	33	66
HATCHET CREEK	HATCHET CR	17 000	40 000	405	158
A LAY DAM	COOSA	96 000	210 000	37	69
LOGAN MARTIN	COOSA	128 250	394 000	74	68
LOCK NO 3	COOSA	72 900	207 000	U	40
LITTLE RIVER	LITTLE	14 500	46 000	33	440
A WILSON	TENNESSEE	32 000	35 000	U	96
SUGAR CREEK	ELK	100 000	140 000	325	85
A GUNTERSVILLE	TENNESSEE	24 300	50 000	U	43
		2 071 900	3 868 800		
MISSISSIPPI					
WAYNESBORO	CHICKASAWHAY	32 000	74 000	474	74
CHUNKY CREEK	CHUNKY CR	8 800	21 800	158	65
LOWER STRONG	STRONG	11 900	21 400	220	68
D LO	STRONG	9 400	18 300	313	90
EDINBURG	PEARL	8 000	22 000	450	55
EDWARDS	BIG BLACK	52 300	140 000	2 800	92
GRENADA	YALOBUSHA	5 000	19 000	50	30
ARKABUTLA	COLDWATER	12 000	42 000	373	58
SARDIS	TALLAHATCHIE	15 000	60 000	787	73
		154 400	418 500		
EAST SOUTH CENTRAL TOTAL		4 569 733	10 104 200		

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
WEST SOUTH CENTRAL					
ARKANSAS					
	OUACHITA	11 000	31 000	U	13
	OUACHITA	11 000	31 000	U	12
	SALINE	22 000	41 000	386	100
A	LITTLE MISSOURI	8 500	700	202	145
	OUACHITA	8 000	28 000	U	22
A	OUACHITA	6 600	6 500	21	49
A	OUACHITA	28 000	2 000	120	95
	CADDO	40 000	58 900	393	188
	RED	10 000	80 000	U	20
	SALINE	15 000	14 600	197	144
	COSSATOT	45 000	59 000	433	194
	ROLLING FK	15 000	20 500	147	120
	RED	5 000	30 000	U	20
	RED	5 000	30 000	U	20
	RED	5 000	30 000	U	20
	FOURCHE LA FAVE	14 000	23 000	205	63
	ARKANSAS	124 000	613 000	70	49
	ARKANSAS	70 000	352 000	19	33
	LITTLE RED	20 000	80 000	25	71
	LITTLE RED	96 000	189 000	716	185
	STRAWBERRY	10 000	16 000	160	80
	SPRING	52 000	79 000	307	126
	ELEVEN POINT	34 000	90 000	388	127
	WHITE	210 000	837 000	308	127
A	NORTH FORK	70 000	24 000	448	175
	BUFFALO FK	90 000	162 000	169	176
	BUFFALO FK	60 000	95 000	483	173
	WHITE	40 000	130 000	U	37
	WHITE	40 000	127 000	U	38
	KINGS	38 000	55 000	327	159
	WHITE	112 000	164 000	925	190
		1 315 100	3 499 200		
LOUISIANA					
	OUACHITA	20 000	100 000	U	22
		20 000	100 000		
OKLAHOMA					
	MOUNTAIN FK	100 000	129 000	470	194
	MOUNTAIN FK	50 000	88 000	391	147
	LITTLE	86 000	58 000	571	118
	GLOVER CR	30 000	43 000	390	180
	RED	5 000	30 000	U	20
	RED	5 000	30 000	U	20
	RED	5 000	30 000	U	20
	KIAMICHI	8 100	35 000	227	46
	RED	5 000	30 000	U	20
	RED	5 000	30 000	U	20
	BOGGY CREEK	7 600	52 800	1 914	81
	RED	5 000	30 000	U	20
	RED	5 000	30 000	U	20
	BLUE	8 400	12 100	110	59
	RED	5 000	30 000	U	20
	WASHITA	20 000	51 000	306	79
	WASHITA	25 000	63 000	287	101
	RED	50 000	82 000	1 982	114
	ARKANSAS	110 000	459 000	80	40

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.	
NAME OF PROJECT OR SITE							
OKLAHOMA (CONTD)							
A	EUFULA	CANADIAN	90 000	317 000	1 481	98	
	CHEWEY	ILLINOIS	42 000	63 000	567	141	
	WEBBERS FALLS	ARKANSAS	44 000	200 700	NA	30	
	FORT GIBSON	GRAND	22 500	27 000	U	60	
	MARKHAM FERRY	GRAND	110 000	190 000	200	65	
	OOLOGAH	VERDIGRIS	12 000	57 000	431	68	
	KEYSTONE	ARKANSAS	70 000	228 000	351	87	
	KAW	ARKANSAS	25 000	113 000	162	95	
			955 600	2 538 600			
	TEXAS						
A	TOLEDO BEND	SABINE	80 750	205 200	1 554	73	
	DAM B	NECHES	2 935	22 500	13	24	
	SAM RAYBURN	ANGELINA	52 000	118 400	1 383	72	
	PONTA RES NO 1	ANGELINA	17 000	23 200	NA	45	
	DAM A	NECHES	2 700	10 700	NA	13	
	ROCKLAND	NECHES	13 500	62 300	1 488	61	
	TENNESSEE COLONY	TRINITY	22 000	42 000	569	43	
	BELTON	LEON	19 000	30 000	399	110	
	BEE MOUNTAIN	BRAZOS	63 400	55 000	10	89	
	DE CORDOVA BEND	BRAZOS	61 600	55 000	6	79	
	HIGHTOWER	BRAZOS	37 800	42 000	U	62	
	INSPIRATION POINT	BRAZOS	46 300	42 000	10	66	
	TURKEY CREEK	BRAZOS	42 600	39 000	27	64	
	MORRIS SHEPPARD	BRAZOS	11 250	11 000	376	126	
	ALTAIR	COLORADO	10 000	40 000	9	16	
	COLUMBUS	COLORADO	30 000	66 000	180	58	
	WEST POINT	COLORADO	15 000	60 000	NA	80	
	LOWER AUSTIN	COLORADO	15 000	60 000	NA	94	
	HANNA	COLORADO	20 000	49 000	300	105	
	WINCHELL	COLORADO	24 000	48 000	558	129	
	STACY	COLORADO	15 000	37 000	700	150	
	GONZALES	SAN MARCOS	8 000	8 000	101	52	
	G B 6	GUADALUPE	5 000	11 000	U	38	
	G B 5	GUADALUPE	5 000	11 000	U	45	
	G B 4	GUADALUPE	5 000	10 000	U	35	
	RETENTION NO 2	GUADALUPE	5 000	11 000	U	53	
	CANYON	GUADALUPE	20 800	8 400	366	153	
	OAKVILLE	NUECES	7 500	28 000	1 256	83	
	FALCON	RIO GRANDE	10 500	0	2 412	115	
	PALAFIX	RIO GRANDE	22 500	93 000	2 000	66	
	AMISTAD	RIO GRANDE	80 000	156 000	3 490	213	
	R	LAKE WALK	DEVILS	1 350-	5 100-	U	35
		DEVILS LAKE	DEVILS	1 800-	6 000-	5	45
	R	PECOS NO 1	PECOS	38 500	29 000	5	123
		PECOS NO 2	PECOS	29 100	27 000	U	124
		PECOS NO 3	PECOS	23 100	21 000	7	100
		PECOS NO 4	PECOS	38 200	34 000	190	144
		AQUA VERDE	RIO GRANDE	45 000	150 000	2 000	365
		TEXARKANA	SULPHUR	5 500	17 700	472	41
		LOCK AND DAM 1 #	RED	5 000	30 000	U	20
LOCK AND DAM 2 #		RED	5 000	30 000	U	20	
LOCK AND DAM 3 #		RED	5 000	30 000	U	20	
LOCK AND DAM 4 #		RED	5 000	30 000	U	20	
LOCK AND DAM 5 #		RED	5 000	30 000	U	20	
LOCK AND DAM 6 #		RED	5 000	30 000	U	20	
LOCK AND DAM 7 #		RED	5 000	30 000	U	20	
LOCK AND DAM 8 #		RED	5 000	30 000	U	20	
LOCK AND DAM 9 #		RED	5 000	30 000	U	20	
LOCK AND DAM 10 #		RED	5 000	30 000	U	20	
LOCK AND DAM 11 #		RED	5 000	30 000	U	20	

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
TEXAS (CONTD)						
A	LOCK AND DAM 12 #	RED	5 000	30 000	U	20
	DENISON	RED	105 000	70 000	1 730	108
	GAINESVILLE #	RED	50 000	82 000	1 982	114
			1 162 385	2 234 300		
WEST SOUTH CENTRAL TOTAL			3 453 085	8 372 100		
MOUNTAIN						
MONTANA						
B	INTAKE	YELLOWSTONE	200 000	1 100 000	150	180
	BILLINGS TO GLDVE	YELLOWSTONE	900 000	4 800 000	NA	1 250
	MOORHEAD	POWDER	8 000	29 000	270	190
	CUSTER	BIGHORN	40 000	180 000	250	100
	LITTLE HORN	LITTLE HORN	15 000	70 000	40	740
	YELLOWTAIL	BIGHORN	250 000	910 000	608	463
	LAUREL	YELLOWSTONE	150 000	780 000	100	280
	STILLWATER	STILLWATER	40 000	190 000	90	1 000
	BENSON BLUFF	YELLOWSTONE	110 000	530 000	800	220
	GREYCLIFF	YELLOWSTONE	120 000	580 000	800	250
	BOULDER	BOULDER	40 000	220 000	250	900
	NATURAL BRIDGE	BOULDER	10 000	60 000	80	500
	BIG TIMBER	YELLOWSTONE	80 000	380 000	350	190
	ALLENSPUR	YELLOWSTONE	250 000	679 000	1 230	380
	MILL CREEK	MILL CR	15 000	70 000	120	1 000
	CHICORY	YELLOWSTONE	80 000	380 000	700	230
	YANKEE JIM	YELLOWSTONE	50 000	205 000	200	200
	LITTLE PORCUPINE	MISSOURI	18 000	113 000	NA	30
	LOW ROCKY POINT	MISSOURI	94 000	350 000	NA	44
	HIGH COW CREEK	MISSOURI	720 000	1 480 000	4 200	323
	FORT BENTON	MISSOURI	300 000	688 000	305	177
A	COCHRANE	MISSOURI	12 000	55 000	U	76
A	RAINBOW	MISSOURI	34 400	132 000	NA	114
	FAIRFIELD	SUN CANAL	9 500	20 000	NA	150
	GIBSON	SUN	11 000	41 000	NA	162
	ULM	MISSOURI	8 500	65 000	1 290	27
	HARDY	MISSOURI	19 000	135 000	59	67
	LOMBARD	MISSOURI	25 000	180 000	NA	85
	LOWER BASIN	GALLATIN	14 000	66 000	259	236
	ENNIS	MADISON	67 000	350 000	NA	370
R	MADISON NO 2	MADISON	9 000-	73 000-	39	119
	SQUAW CREEK	MADISON	9 500	56 000	NA	120
	LYON	MADISON	18 000	112 000	NA	310
	HEBGEN	MADISON	12 000	64 000	345	165
	JEFFERSON CANYON	JEFFERSON	42 000	184 000	1 205	160
	REICHLE	BIG HOLE	25 000	110 000	130	155
	MELROSE	BIG HOLE	80 000	350 000	340	710
	WEARE	BULL	2 200	8 800	149	100
A	NOXON RAPIDS	CLARK FORK	70 720	64 000	334	152
A	THOMPSON FALLS	CLARK FORK	35 000	100 000	15	60
	EDDY	CLARK FK	192 000	580 000	NA	55
	BUFFALO NO 4	FLATHEAD	120 000	300 000	668	164
	BUFFALO NO 2	FLATHEAD	120 000	300 000	NA	NA
A	KERR	FLATHEAD	56 000	70 000	1 217	187
	SWAN LAKE	SWAN	4 800	26 000	234	54
	CORAM	FLATHEAD	114 000	290 000	NA	108
	CANYON CREEK	N FK FLATHEAD	116 000	260 000	NA	154
	SMOKY RANGE	N FK FLATHEAD	220 000	510 000	1 510	350
	SPRUCE PARK	M FK FLATHEAD	88 000	330 000	400	860

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
MONTANA (CONTD)					
QUINN SPRINGS	CLARK FK	108 000	350 000	NA	120
SUPERIOR	CLARK FK	36 000	115 000	NA	40
QUARTZ CREEK	CLARK FK	104 000	350 000	NA	130
PLATEAU	CLARK FK	40 000	127 000	NA	50
BONNER	BLACKFOOT	22 300	86 000	U	165
MCMAMARA	BLACKFOOT	38 000	70 000	NA	118
NINEMILE PRAIRIE	BLACKFOOT	60 000	495 000	885	285
OVANDO B	BLACKFOOT	19 400	75 000	950	250
FINLEN	ROCK CR	14 100	55 000	124	210
QUIGLEY	ROCK CR	14 300	56 000	78	240
ATKINS	ROCK CR	9 000	35 000	248	174
JOY	ROCK CR	10 500	41 000	252	234
ONE MILE	YAAK	40 000	160 000	NA	325
SIX MILE	YAAK	25 000	90 000	NA	200
YAAK FALLS	YAAK	17 000	68 000	NA	140
LONG MEADOWS	YAAK	25 000	60 000	400	192
KOOTENAI FALLS	KOOTENAI	360 000	1 080 000	NA	160
KOOTENAI RIVER	KOOTENAI	132 000	350 000	NA	60
LIBBY	KOOTENAI	840 000	1 629 000	4 965	344
		6 921 220	23 771 800		
IDAHO					
MINK	BEAR	20 000	61 000	U	115
LAVA	BEAR	13 400	38 000	U	99
LAPWAI	CLEARWATER	73 000	280 000	NA	35
MYRTLE	CLEARWATER	131 000	510 000	NA	66
LENORE	CLEARWATER	170 400	636 000	6	79
DWORSHAK	N FK CLEARWATER	600 000	1 919 000	2 000	630
ROCK CREEK	N FK CLEARWATER	364 000	1 420 000	593	600
LOST CREEK	N FK CLEARWATER	13 000	50 000	NA	49
FISHER CREEK	N FK CLEARWATER	10 000	73 000	NA	268
KELLEY CREEK	N FK CLEARWATER	33 000	128 000	270	400
GREER	CLEARWATER	160 000	700 000	NA	100
KAMIAH	CLEARWATER	50 000	220 000	NA	45
PENNY CLIFFS	M FK CLEARWATER	292 000	1 787 000	2 300	590
JERRY JOHNSON	LOCHSA	46 000	178 000	NA	290
WENDOVER	LOCHSA	105 000	450 000	405	718
WOLF CREEK	SELWAY	103 000	400 000	66	286
MOOSE CREEK	SELWAY	240 000	720 000	830	592
RUNNING CREEK	SILWAY	50 000	200 000	59	302
WHITE CAP	SELWAY	68 000	260 000	360	483
MEADOW CREEK	S FK CLEARWATER	73 000	285 000	NA	810
SILVER CREEK	S FK CLEARWATER	24 000	91 000	NA	430
NEWSOME CREEK	S FK CLEARWATER	50 000	200 000	260	1 040
ASOTIN	SNAKE	540 000	1 725 700	13	108
CHINA GARDENS	SNAKE	240 000	1 007 400	45	68
LOWER CANYON	SALMON	1 280 000	4 380 000	2 500	665
FREEDOM	SALMON	450 000	840 000	24	220
CREVICE	SALMON	1 015 000	2 000 000	2 300	725
WARREN	WARREN CR	91 000	450 000	39	3 479
JEANOTT	S FK SALMON	8 000	68 000	NA	160
BEAR CREEK	S FK SALMON	10 000	84 000	NA	200
TAILHOLT	S FK SALMON	6 000	50 000	NA	120
DEADMAN	E FK S FK SALMON	5 300	44 000	NA	320
REGAN	E FK S FK SALMON	5 300	44 000	NA	320
PARKS	E FK S FK SALMON	5 600	46 000	NA	370
HALF WAY	JOHNSON CR	3 100	27 000	NA	520
RUSTICAN	JOHNSON CR	3 300	28 000	NA	580
BUCKHORN	S FK SALMON	5 000	42 000	NA	280
REED	S FK SALMON	3 200	27 000	30	170
POVERTY FLAT	S FK SALMON	4 600	39 000	NA	325
BEAR HILL	S FK SALMON	5 100	45 000	NA	390

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
IDAHO (CONTD)					
BLACK CANYON	SALMON	238 000	930 000	425	332
PINNACLE PEAK	SALMON	243 000	940 000	445	376
LEWIS	M FK SALMON	141 000	550 000	319	433
PUNGO	M FK SALMON	8 000	66 000	NA	170
RISLEY	M FK SALMON	5 300	44 000	NA	135
STEELHEAD	M FK SALMON	5 400	45 000	NA	145
SHEEP EATER	M FK SALMON	7 700	65 000	NA	240
DEERHORN	M FK SALMON	5 300	44 000	NA	170
FULLER	M FK SALMON	5 800	48 000	NA	190
SALMON FALLS	M FK SALMON	3 900	32 000	NA	140
FALL CREEK	M FK SALMON	5 500	46 000	NA	200
CHINOOK	M FK SALMON	5 200	43 000	NA	200
BEAR VALLEY	M FK SALMON	7 800	65 000	235	310
ROOD	PANTHER CR	3 200	25 600	NA	290
DEER CREEK	PANTHER CR	5 000	37 000	NA	450
SHOUP	SALMON	14 000	110 000	NA	90
INDIANOLA	SALMON	71 000	280 000	265	248
12 MILE CREEK	SALMON	5 800	46 000	NA	45
CAMP CREEK	SALMON	8 700	70 000	NA	69
RATTLESNAKE	SALMON	16 700	133 000	NA	134
12 JA NO 16	SALMON	4 400	35 000	NA	36
MCKIM CREEK	SALMON	17 000	136 000	NA	140
PAHSIMEROI	SALMON	60 000	237 000	1 042	297
CHALLIS	SALMON	5 000	25 000	5	200
CLAYTON	SALMON	3 300	26 000	NA	92
SULLIVAN HOT SPRS	SALMON	8 100	63 000	NA	122
HOLMAN CREEK	SALMON	5 900	46 000	NA	95
BADGER CREEK	SALMON	7 600	59 000	NA	120
YANKEE FORK	SALMON	4 000	30 500	NA	77
AMERICAN CREEK	SALMON	4 300	33 000	NA	84
ELK HORN CREEK	SALMON	3 400	26 000	NA	70
STANLEY BASIN	SALMON	8 800	67 000	220	211
HIGH MTN SHEEP *	SNAKE	875 000	2 740 000	2 250	600
BROWNLEE	SNAKE	180 200	0	980	277
GOODRICH	WEISER	5 000	30 000	NA	NA
GARDEN VALLEY RRG	S FK PAYETTE	36 000	125 300	6	118
GARDEN VALLEY	S FK PAYETTE	175 000	551 000	1 940	415
BIG PINE CREEK	S FK PAYETTE	7 800	64 000	NA	160
PINE FLAT	S FK PAYETTE	4 300	35 000	NA	90
*OXBOW BEND	S FK PAYETTE	4 400	36 000	NA	95
12 HG NO 13	S FK PAYETTE	3 900	32 000	NA	100
12 HG NO 12	S FK PAYETTE	6 500	53 000	NA	200
12 HG NO 11	S FK PAYETTE	4 200	35 000	NA	130
12 HG NO 9	S FK PAYETTE	5 000	42 000	NA	220
12 HG NO 8	S FK PAYETTE	4 600	38 000	80	225
ELK LAKE	S FK PAYETTE	3 700	28 000	NA	1 000
LOWER SCRIVER	N FK PAYETTE DIV	120 000	363 000	5	740
UPPER SCRIVER	N FK PAYETTE DIV	37 500	202 000	U	453
LUCKY PEAK	BOISE	30 000	132 500	278	240
ARROW ROCK	BOISE	13 000	42 000	281	196
12 HD NO 1	BOISE	5 600	44 000	NA	115
TWIN SPRINGS	BOISE	40 000	179 000	285	400
12 HD NO 15	N FK BOISE	7 700	63 000	NA	307
12 HD NO 11	M FK BOISE	3 500	27 000	NA	220
12 HD NO 20	S FK BOISE	3 700	30 000	NA	105
ANDERSON RANCH	S FK BOISE	13 500	38 000	423	330
CASEY RANCH	S FK BOISE	3 900	32 000	NA	145
BASCUM RESERVOIR	S FK BOISE	3 600	29 000	62	193
12 HD NO 18	S FK BOISE	3 300	25 500	NA	208
12 HD NO 16	S FK BOISE	4 400	34 000	NA	860
DUNCAN FERRY	OWYHEE	14 000	60 000	NA	NA
GUFFEY	SNAKE	85 000	504 400	27	104
SWAN FALLS	SNAKE	10 265-	96 000-	U	24
DIKE	SNAKE	60 000	280 000	NA	60
CANYON CR	S FK BOISE DIV	25 000	100 000	NA	327

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE						
IDAHO (CONTD)						
A	BLISS	SNAKE	25 000	0	U	70
	UPPER BLISS	SNAKE	100 000	380 000	NA	78
A	LOWER SALMON	SNAKE	15 000	0	U	59
	THOUSAND SPRINGS	SNAKE	150 000	466 000	300	174
	CONE	SNAKE	80 000	350 000	25	150
	12 GR NO 2	SNAKE	6 800	60 000	NA	200
	DRY CREEK	SNAKE	4 700	41 000	NA	161
	EAGLE ROCK	SNAKE	30 000	167 000	NA	47
	AMERICAN FALLS	SNAKE	30 000	120 000	1 700	107
	SHELLEY	SNAKE	4 700	39 000	NA	28
	FREMONT	TETON	22 000	75 500	200	291
	FALLS RIVER	FALLS	14 600	117 000	NA	500
	ASHTON	HENRYS FORK	12 000	69 000	40	87
R	ASHTON	HENRYS FORK	5 800-	33 000-	U	48
	WARM RIVER	HENRYS FORK	30 000	163 000	75	215
	MESA FALLS	HENRYS FORK	15 000	120 000	NA	270
A	BURNS CREEK	SNAKE	90 000	490 000	117	150
	POST FALLS	SPOKANE	10 750	55 000	225	56
	ENAVILLE	COEUR D ALENE	60 000	175 000	700	272
	TEDDY CREEK	COEUR D ALENE	11 000	49 000	150	290
	AVERY	ST JOE	29 000	117 000	150	280
	PRIEST NO 4	PRIEST	27 300	66 000	870	109
	MOYIE CANYON	MOYIE	36 000	94 000	NA	213
	LOW KATKA	KOOTENAI	250 000	700 000	NA	102
			10 134 485	35 735 400		
WYOMING						
	SYBILLE CREEK	LARAMIE	17 000	43 000	NA	925
A	DODGE CANYON	LARAMIE	7 500	20 000	NA	370
	GUERNSEY	NORTH PLATTE	10 000	31 000	45	86
	UPPER GLENDO	NORTH PLATTE	4 000	35 000	NA	60
	BESSEMER BEND	NORTH PLATTE	14 000	72 000	576	135
	LEWISTON	SWEETWATER	5 000	35 000	NA	450
A	PEDRO MOUNTAIN	NORTH PLATTE	36 000	81 000	500	120
	SEMINOE	NORTH PLATTE	12 600	33 000	1 012	217
	FORT STEELE	NORTH PLATTE	13 000	32 000	NA	60
	JACKS CREEK	NORTH PLATTE	26 000	64 000	NA	120
	HOG PARK	ENCAMPMENT	15 000	64 000	NA	800
	BENNETT PEAK	NORTH PLATTE	15 300	69 000	NA	105
	PARKVIEW	NORTH PLATTE	20 000	89 000	NA	465
	GOOSE CREEK RES	GOOSE CR	12 000	60 000	39	1 890
	ROCKWOOD	TONGUE	60 000	320 000	29	2 920
	SHERIDAN	TONGUE	25 000	92 000	24	1 200
	KANE	BIGHORN	30 000	150 000	430	140
	ISHAWOOA	S FK SHOSHONE	45 000	230 000	100	850
	SOUTH FORK	S FK SHOSHONE	25 000	135 000	70	800
	WAPITI	N FK SHOSHONE	65 000	330 000	100	850
	THERMOPOLIS	BIGHORN	50 000	200 000	NA	250
	BULL LAKE	WIND	75 000	370 000	150	850
	DU NOIR	WIND	10 000	30 000	200	600
	BALD RIDGE	CLARK FK	23 000	157 000	NA	390
	SUNLIGHT	SUNLIGHT CR	14 900	112 000	48	2 020
	THIEF CREEK	CLARK FK	125 200	510 000	190	1 470
	BEAR TOOTH LAKE	BEAR TOOTH CR	12 000	65 000	NA	2 920
	HUNTER MOUNTAIN	CLARK FK	14 400	100 000	127	649
	COKEVILLE	BEAR	9 000	50 000	NA	210
R	COKEVILLE	PINE CR	350-	1 000-	NA	120
	ELBOW	GREYS	14 000	49 000	310	308
	SNAKE NARROWS	SNAKE	270 000	992 500	878	416
	GRANITE CREEK	HOBACK	16 000	55 000	403	300
	FONTENELLE	GREEN	10 000	51 000	155	117
			1 100 550	4 725 500		

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
COLORADO					
COUNSELLOR	RIO CONEJOS	5 800	21 000	105	135
GERRARD	RIO GRANDE	25 000	78 000	450	197
WAGON WHEEL GAP	RIO GRANDE	20 000	50 000	300	195
SANTA MARIA OUTLT	CLEAR CR	8 000	33 000	42	700
RIO GRANDE	RIO GRANDE	6 200	26 800	50	454
PUEBLO	ARKANSAS	12 000	29 200	290	154
CANON CITY	ARKANSAS	7 200	43 000	U	125
GRAPE CREEK	GRAPE CREEK	<u>68 000</u>	252 000	U	665
BADGER	CANAL	<u>60 000</u>	204 000	U	590
WELLSVILLE	CANAL	<u>41 500</u>	144 000	U	410
SALIDA	ARKANSAS CANAL	28 000	95 000	U	405
PANCHO	ARKANSAS CANAL	18 500	64 300	U	268
PRINCETON	ARKANSAS CANAL	14 400	63 700	U	281
WAPACO	ARKANSAS CANAL	20 600	117 700	U	495
OTERO	ARKANSAS CANAL	19 800	62 900	260	287
ELBERT	ARKANSAS CANAL	10 600	36 400	105	515
CANYON	CACHE LA POUDRE	19 800	117 000	5	645
ELKHORN	CACHE LA POUDRE	27 400	168 000	50	825
BENNETT CREEK	CACHE LA POUDRE	23 800	147 000	5	760
SHEEP CREEK	CACHE LA POUDRE	13 500	89 000	NA	675
POUDRE	CACHE LA POUDRE	12 600	77 000	NA	675
CASCADE	CACHE LA POUDRE	15 100	46 000	NA	690
COOK MOUNTAIN	NORTH ST VRAIN	21 000	64 000	NA	760
BUCK GULCH	NORTH ST VRAIN	20 200	62 000	NA	785
SMITY MOUNTAIN	SOUTH ST VRAIN	13 200	68 000	NA	790
ELDORA	MIDDLE BOULDER	8 000	17 000	NA	510
GROSS DAM	SOUTH BOULDER CR	7 875	25 000	NA	1 000
WONDERVU	SOUTH BOULDER	6 700	28 000	NA	450
NEDERLAND 1	SOUTH BOULDER	6 200	23 000	NA	465
ELK	CLEAR CR	13 000	41 000	NA	350
BIG HILL	CLEAR CR	18 600	75 000	NA	650
EMPIRE	CLEAR CR	28 500	87 000	100	845
TURKSHED	SOUTH PLATTE	7 200	46 000	U	107
TWO FORKS	SOUTH PLATTE	<u>116 000</u>	210 000	400	450
RESORT CREEK	N FK SOUTH PLATTE	<u>52 000</u>	245 000	U	645
CROSSONS	N FK SOUTH PLATTE	26 000	194 000	NA	511
INSMONT	N FK SOUTH PLATTE	14 200	105 000	NA	283
SHAWNEE	N FK SOUTH PLATTE	11 400	74 000	50	225
SINGLETON	N FK SOUTH PLATTE	19 000	135 000	NA	373
GRANT	N FK SOUTH PLATTE	20 000	128 000	NA	379
CHEESMAN	SOUTH PLATTE	5 900	25 000	79	377
SIGNAL	SOUTH PLATTE	8 500	26 000	NA	405
TARRYALL	SOUTH PLATTE	5 300	19 000	NA	300
ANIMAS GORGE	ANIMAS	13 500	110 000	U	625
LIME CREEK	ANIMAS	<u>70 000</u>	294 000	48	1 155
HOWARDSVILLE	ANIMAS	12 000	52 000	45	542
EMERALD LAKES	PINE DIV FLINT	26 000	108 000	20	1 973
RANGELY	WHITE	6 300	55 000	520	180
ECHO PARK	GREEN	<u>200 000</u>	720 000	5 460	520
LILY PARK	YAMPA	7 500	39 000	30	70
SLATER FALLS	SLATER FK	7 500	43 000	125	454
CROSS MOUNTAIN	YAMPA	<u>60 000</u>	330 000	4 200	440
SAWPIT	SAN MIGUEL	3 400	25 000	NA	490
WHITewater	GUNNISON	48 000	250 000	470	240
OURAY NO 3	UNCOMPAHGRE	4 000	25 000	U	473
OURAY NO 2	UNCOMPAHGRE	5 000	28 600	U	750
OURAY NO 1	UNCOMPAHGRE	7 000	37 000	17	1 130
CRYSTAL	GUNNISON	20 000	120 000	16	220
MORROW POINT	GUNNISON	<u>120 000</u>	350 000	42	405
BLUE MESA	GUNNISON	<u>60 000</u>	280 000	743	356
GATEVIEW	LAKE FK	4 200	32 000	NA	330
LAKE FORK	LAKE FK	7 500	41 000	30	380
ALMONT	TAYLOR	4 800	40 000	NA	300
SPRING CREEK	TAYLOR	7 000	56 000	NA	440
CRYSTAL CREEK	TAYLOR	7 200	60 000	106	313

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
COLORADO (CONTD)					
ELECTRA	MEADOW CR	4 700	38 000	27	1 700
LOWER BEAR WALLOW	CANYON CR	3 000	25 000	47	452
UPPER BEAR WALLOW	CANYON CR	48 000	210 000	137	2 510
CARDIFF	ROARING FK	4 100	31 000	NA	94
RED CANYON	ROARING FK	4 700	36 000	NA	103
CRYSTAL RIVER	ROARING FK	6 300	48 000	NA	149
CARBONDALE	ROARING FK	6 200	48 000	NA	202
EMMA	ROARING FK	6 500	50 000	NA	222
BASALT	ROARING FK	3 700	28 000	NA	132
SNOWMASS CREEK	ROARING FK	4 500	36 000	NA	248
WOODY CREEK	ROARING FK	6 400	51 000	NA	450
CASTLE CREEK	ROARING FK	4 200	34 000	NA	425
GLENWOOD SPRINGS	COLORADO	22 000	180 000	305	205
GYPSUM CREEK	EAGLE	4 400	32 000	NA	243
DOTSERO	SWEETWATER CR	210 000	750 000	NA	NA
SWEETWATER	SWEETWATER	495 000	600 000	NA	NA
GORE CANYON	COLORADO	20 000	98 000	U	363
		2 461 175	9 052 600		
NEW MEXICO					
ALAMOGORDO	PECOS	7 000	17 000	199	140
CABALLO	RIO GRANDE	10 000	24 000	NA	74
WHITE ROCK	RIO GRANDE	30 000	160 000	400	210
CHAMITA	RIO CHAMA	15 000	75 000	765	195
PLANT NO 3	RIO CHAMA	15 000	71 000	77	130
PLANT NO 2	RIO CHAMA	15 000	69 000	34	130
PLANT NO 1	RIO CHAMA	15 000	67 000	46	130
EL VADO	RIO CHAMA	15 000	85 000	135	176
WILLOW CREEK NO 4	WILLOW CR	11 500	78 000	199	210
WILLOW CREEK NO 3	WILLOW CR	8 000	58 000	124	151
WILLOW CREEK NO 1	WILLOW CR	5 700	24 000	U	90
NAVAJO	SAN JUAN	24 000	49 000	1 104	370
		171 200	777 000		
ARIZONA					
GRANITE REEF	GRANITE REEF AQU	3 500	16 340	NA	113
AGUA FRIA	GRANITE REEF AQU	3 000	13 600	NA	94
HORSE SHOE	VERDE	10 000	40 000	212	175
LIVINGSTON	SALT	11 500	72 000	U	150
GLEASON FLAT	SALT	43 500	280 000	200	625
MULE HOOF	SALT	13 500	75 000	U	200
WALNUT CANYON	SALT	25 200	136 000	5	375
KNOB	SALT	28 500	136 000	200	440
BUTTES	GILA	6 000	25 000	100	178
HEADGATE ROCK	COLORADO	26 000	135 000	U	23
BRIDGE CANYON	COLORADO	1 500 000	5 362 000	2 490	646
KANAB CREEK	COLORADO	1 505 000	5 650 000	NA	965
BLUE RIDGE	EAST CLEAR CR	2 800	15 000	NA	936
MARBLE CANYON	COLORADO	510 000	2 200 000	100	293
GLEN CANYON	COLORADO	900 000	4 600 000	20 876	570
		4 588 500	18 755 940		
UTAH					
UPPER LOGAN	LOGAN	6 200	48 000	NA	800
ALTA TUNNEL	LIT COTTONWOOD C	5 000	15 500	NA	650
DYNE	DIAMOND CR	33 000	132 400	NA	848
SIXTH WATER	DIAMOND CR	90 000	134 000	U	823
SYAR	DIAMOND CR	10 500	53 100	700	431

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
UTAH (CONTD)						
R	BEAVER NO 3	BEAVER	2 400	10 000	NA	NA
	LA VERKIN NO 4	VIRGIN	1 000-	5 000-	U	216
	WARNER	DIXIE MAIN CANAL	5 600	20 000	U	472
	BENCH LAKE	DIXIE MAIN CANAL	2 000	8 500	U	123
	VIRGIN	VIRGIN	5 600	20 000	201	274
	SLICK HORN CANYON	SAN JUAN	62 000	270 000	100	208
	GOOSENECKS	SAN JUAN	<u>51 000</u>	225 000	300	177
	BLUFF	SAN JUAN	<u>85 000</u>	460 000	3 900	354
	MEXICAN BEND	SAN RAFAEL	7 400	39 000	NA	245
	BLACK BOX CANYON	SAN RAFAEL	18 000	94 000	147	600
	COTTONWOOD	COTTONWOOD CR	7 000	24 500	57	780
	GRAY CANYON	GREEN	<u>400 000</u>	1 100 000	1 660	470
	UPPER WHITEROCKS	WHITEROCK CR	7 300	55 000	6	1 200
	UINTAH RIVER	UINTAH	9 600	75 000	U	1 500
	UPPER WEST FORK	LAKE FK	4 600	35 000	5	800
R	YELLOWSTONE	YELLOWSTONE CR	16 000	60 000	U	1 500
	YELLOWSTONE	YELLOWSTONE CR	1 050-	6 500-	U	250
	ROCK CREEK	ROCK CR	7 500	54 000	10	1 200
	SPLIT MOUNTAIN	GREEN	<u>85 000</u>	440 000	35	315
	FLAMING GORGE	GREEN	36 000	160 000	3 516	446
	MOAB	COLORADO	<u>110 000</u>	480 000	111	138
	DEWEY	COLORADO	<u>180 000</u>	800 000	6 400	325
			1 244 650	4 801 500		
NEVADA						
A	FRANKTOWN	FRANKTOWN CR	15 000	86 000	NA	1 163
	26 FOOT DROP	CARSON	200	1 000	U	26
	EUREKA	CARSON	7 000	37 000	350	538
	WATASHEAMU	E FK CARSON	8 000	34 000	90	236
			30 200	158 000		
MOUNTAIN TOTAL			<u>26 651 980</u>	<u>97 777 740</u>		
PACIFIC						
WASHINGTON						
	DEMING	NOOKSACK	<u>50 000</u>	170 000	NA	110
	SKOOKUM CREEK	S FK NOOKSACK	20 300	160 000	16	560
	MAPLE FALLS	NOOKSACK	12 000	44 000	NA	100
	SHUKSAN	NOOKSACK	33 000	205 000	220	750
	WHATCOM CREEK 1	WHATCOM CR	14 400	115 000	NA	250
	THE DALLES	SKAGIT	<u>53 000</u>	370 000	NA	32
	LOW FABER	SKAGIT	<u>150 000</u>	650 000	NA	110
	LOWER SAUK	SAUK	<u>96 000</u>	473 000	632	220
	LOWER SUIATTLE	SUIATTLE	31 000	240 000	NA	509
	BUCK CREEK NO 1A	BUCK CR	12 000	77 000	NA	1 200
	BUCK CREEK NO 1	SUIATTLE	19 900	153 000	NA	380
	DOWNNEY CREEK NO 1	SUIATTLE	12 200	93 000	NA	385
	DOWNNEY CREEK 1A	SULPHUR CR	24 100	157 000	NA	1 115
	UPPER SUIATTLE	SUIATTLE	18 400	140 000	NA	625
	UPPER SAUK	DAN CR	<u>74 000</u>	320 000	133	585
	LOWER WHITECHUCK	WHITECHUCK	14 700	104 000	NA	795
	UPPER WHITECHUCK	WHITECHUCK	14 300	100 000	NA	1 200
	NORTH FORK SAUK	N FK SAUK	29 000	210 000	34	845
	SLOAN CREEK	N FK SAUK	9 500	67 000	28	400
	ILLABOT CREEK	ILLABOT CR	13 500	96 000	NA	1 000

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
WASHINGTON (CONTD)						
A	CASCADE	CASCADE	<u>66 000</u>	320 000	240	686
	COPPER CREEK	SKAGIT	<u>83 000</u>	470 000	11	152
	GORGE	SKAGIT	43 600	200 000	7	380
	DIABLO	SKAGIT	<u>120 000</u>	150 000	61	330
	THUNDER CREEK	SKAGIT CR	<u>152 000</u>	400 000	134	1 573
E	ROSS	SKAGIT	0	200 000	1 023	395
	JORDEN	S FK STILLAGUAMISH	6 800	55 000	51	117
	GRANITE FALLS	S FK STILLAGUAMISH	17 500	136 000	U	255
	ROBE	S FK STILLAGUAMISH	30 000	250 000	59	480
	TYREE	S FK STILLAGUAMISH	15 000	100 000	40	290
	SILVERTON	S FK STILLAGUAMISH	23 000	65 000	80	220
	OSO	N FK STILLAGUAMISH	15 800	108 000	180	136
	CHAPLAIN CREEK	N FK STILLAGUAMISH	<u>50 000</u>	180 000	100	886
	LOWER SULTAN	SULTAN	24 000	73 000	5	300
	MIDDLE SULTAN	SULTAN	32 000	129 000	U	398
	UPPER SULTAN	SULTAN	<u>84 000</u>	122 000	97	396
	WALLACE LAKE	E FK WALLACE	<u>22 000</u>	178 000	NA	1 255
	REITER	HOGARTY CR	5 000	30 000	NA	NA
	SUNSET FALLS	S FK SKYKOMISH	<u>84 500</u>	591 000	NA	520
	MILLER FORKS	E FK MILLER CR	<u>4 500</u>	32 400	NA	310
	EAST FORK MILLER	E FK MILLER CR	4 900	38 400	NA	770
	LAKE DOROTHY	E FK MILLER CR	3 500	30 600	32	1 070
	UPPER SOUTH FORKS	S FK SKYKOMISH	8 100	57 000	NA	120
	TONGA	FOSS	7 600	56 600	NA	495
	ALTURAS LAKE	E FK FOSS	5 000	37 800	9	440
	BECKLER	BECKLER	13 700	93 000	NA	535
	TROUT CREEK	TROUT CR	<u>90 000</u>	438 000	250	870
	GIDDINGS CREEK	N FK SKYKOMISH	13 500	94 000	NA	450
	TROUBLESOME NO 1	TROUBLESOME CR	3 600	31 000	NA	2 130
	CARNATION	N FK SNOQUALMIE DIV	34 100	83 000	NA	510
A	SNOQUALMIE NO 1	SNOQUALMIE	24 000	150 000	U	257
	GRIFFIN CREEK	N FK SNOQUALMIE DIV	21 200	92 000	NA	340
	BEAVER CR 1	N FK SNOQUALMIE DIV	27 600	121 000	100	620
	BEAVER CR 2	CALLIGAN CR	16 400	72 000	NA	1 290
	MOUNT SI	M FK SNOQUALMIE	46 400	158 000	122	305
A	UPPER FALLS	S FK SNOQUALMIE	8 500	58 000	14	500
	CEDAR FALLS	CEDAR	7 144	33 800	60	630
	EAGLE GORGE	GREEN	<u>65 000</u>	430 000	30	850
	WHITE RIVER	WHITE	49 000	7 800	44	485
	MUD MOUNTAIN	WHITE	<u>50 000</u>	400 000	105	505
	TWIN CREEK	WHITE	15 000	95 000	20	530
	WEST FORK MOUTH	W FK WHITE	4 800	34 000	NA	560
	EAST FORK RAINIER	E FK WHITE	4 900	35 000	NA	360
	CARBON NO 3	CARBON	9 000	60 000	NA	480
	CARBON NO 2	CARBON	9 000	60 000	NA	470
	CARBON NO 1	CARBON	10 100	75 000	NA	705
	ORTING	PUYALLUP DIV	14 000	120 000	NA	442
	MOWICH NO 1A	PUYALLUP	4 500	33 000	NA	575
	MOWICH NO 1	MOWICH	7 200	53 000	NA	815
	TR NISQUALLY	NISQUALLY	6 800	56 000	NA	87
	PARK JUNCTION 2	NISQUALLY	3 900	28 000	NA	115
	PARK JUNCTION 1	NISQUALLY	9 600	72 000	NA	550
	LAKE ISABELLA	MILL CR	5 000	30 000	NA	NA
	TUNNEL CREEK	QUILLCENE	5 800	41 000	NA	944
	USGS SITE 12PM12	DOSEWALLIPS	18 000	77 000	100	380
	USGS SITE 12PM11	DOSEWALLIPS	15 000	65 000	NA	380
	USGS SITE 12PM10	DOSEWALLIPS	27 000	120 000	NA	740
	USGS SITE 12PM15A	DUCKABUSH	18 000	80 000	60	430
	USGS SITE 12PM14A	DUCKABUSH	8 000	35 000	NA	220
	USGS SITE 12PM13	DUCKABUSH	13 000	57 000	NA	405
	USGS SITE 12PM9	HAMMA HAMMA	25 000	110 000	18	530
	STAIRCASE	SKOKOMISH	5 200	35 000	NA	275
	SEVEN STREAMS	SKOKOMISH	6 000	41 000	NA	490
	12 PM NO 23	DUNGNESS	5 800	29 000	NA	334
	FORKS	DUNGNESS	5 000	37 000	NA	294

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
WASHINGTON (CONTD)					
UPPER DUNGENESS	DUNGENESS	4 600	34 000	NA	954
TAILWATER	ELWHA	7 200	57 000	NA	82
MCDONALD	ELWHA	17 000	136 000	NA	225
GEYSER BASIN	ELWHA	10 000	80 000	26	190
WINDFALL CREEK	ELWHA	11 400	91 000	NA	290
LITTLE LOST	ELWHA	10 500	84 000	NA	290
PRESS VALLEY	ELWHA	5 700	46 000	46	220
LOWER LYRE	LYRE	11 900	100 000	NA	290
LAKE CRESCENT	LYRE	12 500	105 000	72	297
FAIRHOLM	SOLEDUCK	17 700	120 000	NA	481
LOG JAM	HOH	22 000	190 000	NA	150
OXBOW	HOH	<u>53 600</u>	260 000	146	220
BENDS	S FK HOH	<u>5 200</u>	39 000	NA	240
SLATE CREEK	S FK HOH	13 500	100 000	NA	1 300
SPRUCE CREEK	HOH	4 600	34 000	NA	70
TWIN CREEK	HOH	8 200	61 000	NA	200
MINERAL CREEK	HOH	4 600	34 000	NA	150
GLIDE CREEK	HOH	8 500	63 000	NA	380
LOWER QUEETS	QUEETS	17 000	75 000	NA	68
UPPER QUEETS	QUEETS	10 000	44 000	NA	803
QUINault LAKE	QUINault	13 800	100 000	NA	95
QUINault	ZEIGLER CR	500	NA	NA	876
SOUTH FORK	QUINault	15 400	104 000	NA	190
RUSTLER RIVER	QUINault	13 100	89 000	NA	300
LOWER CANYON	WYNOOCHEE	9 100	76 000	75	164
SAVE CREEK	WYNOOCHEE	5 700	47 000	NA	152
WYNOOCHEE	WYNOOCHEE	<u>66 000</u>	118 000	123	280
NORTH RIVER	NORTH	20 000	88 000	125	112
GRAYS RIVER	GRAYS	15 000	60 000	19	400
CASTLE ROCK	TOUTLE	<u>260 000</u>	1 000 000	NA	200
KID VALLEY	TOUTLE	<u>94 000</u>	350 000	625	475
UPPER GREEN	GREEN	5 000	22 000	96	250
ELK CREEK	TOUTLE	10 000	73 000	NA	500
COLDWATER CREEK	TOUTLE	8 200	61 000	NA	600
SPIRIT LAKE	TOUTLE	4 800	42 000	34	1 124
MAYFIELD	COWLITZ	40 000	7 000	21	182
TILTON	TILTON	33 000	128 000	110	385
MOSSY ROCK	COWLITZ	<u>300 000</u>	990 000	824	325
COWLITZ FALLS	COWLITZ	<u>210 000</u>	800 000	3 254	330
GREENHORN CREEK	CISPUS	47 000	190 000	285	285
MUDDY FORK	CISPUS	<u>80 000</u>	290 000	96	1 450
WALUPT LAKE	WALUPT	<u>8 000</u>	31 000	40	600
PACKWOOD LAKE	HALL CR	26 125	102 000	U	1 800
SILVER FALLS	OHANAPECOSH	23 200	184 000	35	930
MERWIN	LEWIS	45 000	60 500	246	185
YALE	LEWIS	<u>108 000</u>	0	190	247
SWIFT CREEK	SWIFT CR	7 000	48 000	NA	810
MUDDY	LEWIS	<u>110 000</u>	410 000	277	311
CLEARWATER CREEK	MUDDY	6 500	49 000	16	330
PARADISE FALLS	CLEARWATER CR	17 000	67 000	90	920
CLEAR CREEK	CLEAR CR	5 800	39 000	NA	750
MEADOWS	LEWIS TRIB	<u>85 000</u>	260 000	70	1 061
CASCADE GORGE	LEWIS	22 000	99 000	53	267
QUARTZ CREEK	LEWIS	12 700	92 000	168	415
STEAMBOAT CREEK	LEWIS	9 500	74 000	68	550
LIT WHITE SALMON	LIT WHITE SALMON	30 600	210 000	U	1 052
UNDERWOOD	WHITE SALMON	42 000	154 000	NA	218
CONDIT	WHITE SALMON	9 600	95 200	NA	178
HUSUM	WHITE SALMON	48 000	225 000	NA	448
B-Z	WHITE SALMON	<u>50 000</u>	232 000	NA	550
WALLACE BRIDGE	WHITE SALMON	30 000	134 000	NA	419
LITTLE MOUNTAIN	WHITE SALMON	15 000	60 400	NA	220
TROUT CREEK	WHITE SALMON DIV	40 000	87 000	6	890
FOOT OF RAPIDS	KLICKITAT	4 600	35 000	NA	75
HEAD BOX CANYON	KLICKITAT	15 200	116 000	NA	295

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE					
WASHINGTON (CONTD)					
WRIGHT	KLICKITAT	5 500	42 000	NA	120
LITTLE KLICKITAT	KLICKITAT	12 000	92 000	NA	290
ALVORDS BRIDGE	KLICKITAT	12 300	94 000	NA	300
OUTLET CREEK	KLICKITAT	30 700	240 000	NA	827
BIG MUDDY	KLICKITAT	15 500	119 000	NA	563
MIDDLE BIG MUDDY	BIG MUDDY CR	8 200	56 000	NA	968
WEST FORK	W FK KLICKITAT	3 800	30 000	NA	467
CASTLE FORD	KLICKITAT	3 800	30 000	NA	280
A THE DALLS	COLUMBIA	624 000	797 200	53	91
JOHN DAY	COLUMBIA	2 700 000	10 153 000	150	113
A ICE HARBOR	SNAKE	270 000	569 000	25	103
LOWER MONUMENTAL	SNAKE	810 000	2 619 000	20	103
LITTLE GOOSE	SNAKE	810 000	2 488 000	49	101
LOWER GRANITE	SNAKE	810 000	2 444 000	44	105
NARROWS	GRANDE RONDE	49 000	210 000	NA	150
WENAH	GRANDE RONDE	201 000	675 000	900	520
LOWER WAPATO	SIMCOE CR	25 000	103 000	NA	613
UPPER WAPATO	SIMCOE CR	41 600	167 000	NA	1 000
TIETON DIVERSION	TIETON	12 700	56 000	NA	441
BELOW ELEV 1765	NACHES	7 300	61 000	NA	145
RATTLESNAKE CREEK	NACHES	10 000	84 000	NA	207
ELEV 2265	NACHES	14 000	118 000	NA	293
BUMPING RIVER	NACHES	12 000	104 000	NA	275
BELOW AMERICAN R	BUMPING	6 200	52 000	NA	178
ELEV 3165	BUMPING	7 000	61 000	66	447
BLW PLEASANT VLY	AMERICAN	10 700	94 000	73	662
TEANAWAY DAM	YAKIMA	16 000	59 000	NA	80
BELOW BIG SALMON	CLE ELUM	4 100	34 000	NA	138
ELEV 2545	CLE ELUM	4 600	38 000	NA	155
COOPER LAKE DIVR	W FK CLE ELUM	3 000	25 000	42	318
WAPTUS LAKE DIVR	N FK CLE ELUM	3 000	25 000	31	467
FISH LAKE DIVR	N FK CLE ELUM	5 900	52 000	29	845
PRIEST RAPIDS	COLUMBIA	473 100	730 000	44	76
A WANAPUM	COLUMBIA	581 875	2 014 000	144	88
A ROCK ISLAND	COLUMBIA	36 900	43 100	5	49
ABOVE ELEV 612	WENATCHEE	12 400	103 000	NA	83
ABOVE ELEV 695	WENATCHEE	32 000	270 000	NA	210
DRYDEN	WENATCHEE	15 000	100 000	NA	NA
BELOW ELEV 1110	WENATCHEE	24 000	200 000	NA	143
ABOVE ELEV 1110	ICICLE CR	5 300	38 000	NA	286
8 MILE FLAT DIVR	ICICLE CR	13 500	96 000	U	704
EIGHTMILE CREEK	ICICLE CR	8 300	60 000	NA	585
LEAVENWORTH	WENATCHEE	180 000	670 000	15	580
PLAIN	WENATCHEE	40 000	140 000	1 160	208
BEAVER CREEK	WENATCHEE	17 386	NA	32	60
CHIWAHA	CHIWAHA	26 000	92 000	205	564
A WHITE RIVER	WHITE	4 500	32 000	37	355
ROCKY REACH	COLUMBIA	406 600	1 700 000	37	98
A ENTIAT DIVERSION	ENTIAT	3 600	27 000	NA	358
A CHELAN	CHELAN	48 000	136 700	676	409
RAILROAD CREEK	RAILROAD CR	7 800	65 000	28	1 155
STEHEKIN	STEHEKIN	14 800	100 000	NA	405
AGNES CREEK	STEHEKIN	14 700	100 000	NA	555
WELLS	COLUMBIA	705 850	4 500 000	58	76
WELLS 4/	COLUMBIA	68 400 4/	0	58	76
A SIMILKAMEEN	SIMILKAMEEN	84 000	180 000	1 310	244
CHIEF JOSEPH	COLUMBIA	704 000	1 761 000	NA	179
A GRAND COULEE	COLUMBIA	3 600 000	7 120 000	5 232	343
A LITTLE FALLS	SPOKANE	4 000	27 000	U	76
A LONG LAKE	SPOKANE	14 000	80 000	105	171
A NINE MILE	SPOKANE	16 000	70 000	5	65
BOWL AND PITCHER	SPOKANE	60 000	290 000	NA	85
A MONROE STREET	SPOKANE	23 800	141 000	U	68
A UPPER FALLS	SPOKANE	16 000	84 000	U	64
A UP RIVER	SPOKANE	9 100	59 000	NA	35

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
WASHINGTON (CONTD)					
CROSSING	SPOKANE	8 800	69 000	NA	45
ORIENT	KETTLE	35 000	130 000	280	180
CURLEW	KETTLE	9 000	35 000	157	150
LOWER BIG SHEEP	BIG SHEEP CR	3 800	32 000	NA	520
BOUNDARY	PEND OREILLE	<u>826 500</u>	3 500 000	42	262
		19 293 680	67 254 900		
OREGON					
- A	CLEAR CREEK	16 000	73 000	NA	40
	LOWER CLACKAMAS	<u>72 000</u>	330 000	NA	180
	SOUTH FORK	24 000	120 000	NA	200
	FISH CREEK	27 000	140 000	NA	240
	OAK GROVE	25 500	25 000	U	879
	NOWHERE MEADOWS	28 000	180 000	80	240
	SHELL ROCK	35 000	108 000	66	927
	BIG BOTTOM	20 000	83 000	250	340
	PELKEY	4 700	35 000	30	260
	HEADWATERS	5 300	33 000	NA	475
	MEHAMA DIVERSION	40 000	210 000	U	207
	NORTH SANTIAM	<u>63 000</u>	390 000	NA	342
	BYARS CREEK	11 000	63 000	50	250
	TUNNEL	25 000	106 000	150	290
	MINTO	18 000	73 000	150	250
	MARION LAKE	22 000	154 000	38	1 500
	ALBANY SITES	11 000	90 000	NA	175
	WATERLOO DIVR	3 800	30 000	NA	65
	FOSTER RRG	20 000	126 700	U	116
	GREEN PETER	<u>80 000</u>	237 400	63	322
	BEAR CREEK	11 700	74 000	NA	800
	PACKERS GULCH	8 600	54 000	NA	600
	CASCADIA	15 000	70 000	165	258
	HAYDEN BRIDGE	9 000	74 000	NA	90
	DEERHORN	4 000	32 000	NA	44
	VIDA	30 000	240 000	NA	200
	QUARTZ CREEK	18 000	142 000	NA	80
	STRUBE RRG	4 500	25 400	U	64
	COUGAR	<u>60 000</u>	141 700	10	448
	HARDY CREEK	3 300	29 000	NA	290
	AUGUSTA CREEK	4 900	42 000	NA	430
	MCKENZIE BRIDGE	10 000	79 000	NA	85
	HORSE CREEK	5 300	46 000	NA	330
	FOLEY SPRINGS	4 900	42 000	NA	280
	RAINBOW CREEK	8 700	76 000	NA	720
	HARVEY CREEK	7 000	61 000	NA	850
	THREE SISTERS	9 100	80 000	5	1 350
	BELKNAP	35 000	230 000	NA	385
	BEAVER MARSH	30 000	60 000	NA	380
	LOOKOUT POINT 2	20 000	100 000	NA	127
	MILE 6 POINT 7	26 000	96 000	78	300
	NORTH FORK NO 1	18 500	103 000	NA	580
	SALMON CREEK	30 000	162 000	NA	1 020
	WALDO LAKE	21 000	29 000	220	1 960
	MILE 56	6 800	48 000	NA	215
	BOULDER CREEK	7 000	48 000	NA	370
	STALEY CREEK	6 500	46 000	NA	390
	SWIFT CREEK	7 000	42 000	NA	800
	ROCKY POINT	4 500	33 000	70	175
	BULL RUN NO 2	6 400	40 000	21	111
	BULL RUN NO 1	12 800	58 000	21	172
	MARMOT	33 500	230 000	NA	600
	WELCHES	9 800	64 000	NA	350
	LINNEY	18 600	124 000	20	820
	MEADOWS	5 200	35 000	20	420

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE						
OREGON (CONTD)						
A	BONNEVILLE	COLUMBIA	324 000	2 444 500	87	67
	MOODY	DESCHUTES	64 000	380 000	NA	132
	LOCKIT	DESCHUTES	34 000	200 000	NA	70
	RECLAMATION	DESCHUTES	46 000	270 000	NA	95
	SINAMOX	DESCHUTES	43 000	250 000	NA	90
	OAK BROOK	DESCHUTES	31 000	184 000	NA	65
	SHERAR FALLS	DESCHUTES	36 000	210 000	NA	75
	OAK SPRINGS	DESCHUTES	13 000	79 000	NA	35
	MAUPIN	DESCHUTES	48 000	280 000	NA	120
	FRIEDA	DESCHUTES	58 000	340 000	NA	145
	WHITE HORSE	DESCHUTES	38 500	290 000	NA	138
	ROUND BUTTE	DESCHUTES	247 050	946 000	250	372
	WHITE WATER	METOLIUS	20 600	153 000	NA	260
	JEFFERSON	METOLIUS	26 500	200 000	NA	400
	JACK CREEK	METOLIUS	11 900	88 000	NA	300
A	MCNARY	COLUMBIA	420 000	657 000	185	92
	BEAVER CREEK	WENAH	9 800	69 000	NA	1 366
	ELBOW CREEK	GRANDE RONDE	56 000	245 000	71	302
	RONDOWA	GRANDE RONDE	76 000	330 000	660	420
	LITTLE MINAM	MINAM	5 600	44 000	NA	590
	NORTH MINAM	MINAM	4 800	37 000	NA	950
	HIGH MTN SHEEP	SNAKE	875 000	2 740 000	2 250	600
	THE RAPIDS	IMNAHA	5 700	39 000	NA	950
	HELLS CANYON	SNAKE	408 000	1 800 000	12	212
	HELLS CANYON	SNAKE	85 200	0	12	212
A	OXBOW	SNAKE	47 500	0	5	120
	COVERDALE	MCGRAW CR	34 000	200 000	NA	2 300
	STONEHILL	NEHALEM	9 000	38 000	NA	40
	NEHALEM FALLS	NEHALEM	18 000	80 000	NA	83
	WAKEFIELD	NEHALEM	13 000	58 000	NA	62
	SALMONBERRY	NEHALEM	20 000	85 000	NA	100
	SPRUCE RUN	NEHALEM	17 000	73 000	NA	90
	ELSIE	NEHALEM	25 000	130 000	700	165
	12 RA NO 39	WILSON	4 200	27 400	NA	145
	CEDAR CREEK	WILSON	18 000	96 000	250	260
	GINGER PEAK	TRASK	19 520	68 000	100	250
	CLEAR CREEK	N FK TRASK	5 330	13 000	35	200
	BLAINE	NESTUCCA	15 000	70 000	150	260
	MEADOW LAKE	NESTUCCA	4 000	27 000	15	870
	EUCHRE CREEK	SILETZ	14 200	117 000	NA	255
	SUNSHINE CREEK	SILETZ	20 800	150 000	41	345
	THE FALLS	SILETZ	20 000	100 000	150	300
	TIDEWATER	ALSEA	10 000	35 000	NA	70
	SCOTT MOUNTAIN	ALSEA	40 000	200 000	NA	270
	12 RA NO 6	SIUSLAW	10 000	42 000	NA	70
R	TRIANGLE LAKE	LAKE CR	5 000	35 000	72	280
	12 RA NO 5	SIUSLAW	22 000	103 000	NA	180
	AUSTA	SIUSLAW	20 000	68 000	450	220
	12 RB NO 1	SMITH	5 400	24 000	40	320
	LOON LAKE DIVR	MILL CR	6 500	54 000	100	385
	SCOTTSBURG	UMPQUA	38 100	290 000	85	100
	KELLEYS SMITH FY	UMPQUA	30 800	240 000	32	85
	KELLOGG	UMPQUA	23 500	196 000	NA	70
	WOLF CREEK	UMPQUA	37 000	300 000	422	145
	WINCHESTER	NORTH UMPQUA	13 400	89 000	12	80
R	WINCHESTER	NORTH UMPQUA	500-	3 900-	NA	14
	OAK CREEK	NORTH UMPQUA	11 300	86 000	14	70
	HORSESHOE BEND	NORTH UMPQUA	14 000	98 000	16	90
	GLIDE	NORTH UMPQUA	9 000	62 000	14	60
	ROCK CREEK	NORTH UMPQUA	51 000	260 000	NA	219
	BOUNDARY	NORTH UMPQUA	44 000	216 000	NA	187
	STEAMBOAT	NORTH UMPQUA	16 300	113 000	19	190
	COPELAND DIV	NORTH UMPQUA	24 300	175 000	25	290
	LAKE CREEK NO 1	LAKE CR	5 000	13 000	30	480
	DILLARD	SOUTH UMPQUA	3 600	26 000	NA	60

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE						
OREGON (CONTD)						
- B	MYRTLE CREEK	SOUTH UMPQUA	3 900	28 000	NA	70
	RIDDLE DIVERSION	SOUTH UMPQUA	5 800	44 000	NA	125
	TILLER DIVERSION	SOUTH UMPQUA	6 200	40 000	NA	160
	LOWER COOS RIVER	COOS	30 000	130 000	NA	400
	TIOGA FORK	COOS	20 000	100 000	200	300
	FAIRVIEW	N FK COQUILLE	4 500	36 000	800	200
	12 RC NO 6A	E FK COQUILLE	7 400	60 000	NA	400
	12 RC NO 5	M FK COQUILLE	4 600	38 000	NA	720
	EDEN RIDGE	S FK COQUILLE	77 000	197 000	110	1 803
	COPPER CANYON	ROGUE	300 000	1 140 000	600	450
- A	BUZZARDS ROOST	ILLINOIS	250 000	767 000	680	550
	KERBY	ILLINOIS	9 400	51 000	465	180
	RAMEY FALLS	ROGUE	100 000	430 000	140	300
	APPLEGATE NO 2	APPLEGATE	3 000	23 200	U	90
	APPLEGATE NO 1	APPLEGATE	9 000	43 000	7	206
	AMENT	ROGUE	4 800	28 400	NA	30
	GOLD HILL	ROGUE	10 500	62 000	NA	65
	LOST CREEK	ROGUE	52 000	337 200	315	348
	CASCADE	ROGUE	25 100	160 000	NA	282
	PROSPECT NO 2	N FK ROGUE	16 000	58 000	U	607
	RITER CREEK	ROGUE	9 600	60 000	U	200
	TOP CREEK	ROGUE	6 800	41 000	U	140
	UNION CREEK	ROGUE	12 000	74 000	NA	280
	CASTLE CREEK	ROGUE	8 500	52 000	NA	200
	SALT CAVES	KLAMATH	76 500	400 000	U	411
	BEAR SPRINGS	KLAMATH	20 000	100 000	U	131
	KENO	KLAMATH	42 000	225 000	U	297
	ASPEN LAKE	KLAMATH	36 000	150 000	NA	NA
			5 946 400	26 667 000		
	CALIFORNIA					
	CALVADA	LIT TRUCKEE DIV	26 500	62 000	125	985
	PROSSER	TRUCKEE	5 000	33 000	133	300
	WOODFORDS	W FK CARSON	13 000	53 000	NA	966
	ANTELOPE	WEST WALKER	9 500	51 000	NA	525
	MIDWAY	WEST WALKER	11 000	48 000	NA	426
	COTTONWOOD NO 2	COTTONWOOD CR	5 000	32 000	U	2 166
	BIG PINE NO 2	BIG PINE CR	5 400	34 000	U	1 789
	BISHOP CR NO 1	S FK BISHOP CR	3 500	28 000	NA	900
	PINE CREEK	PINE CR	9 000	50 000	U	2 290
	ROCK CREEK NO 3	ROCK CR	4 500	26 000	U	800
	ROCK CREEK NO 2	ROCK CR	12 500	78 000	U	2 515
	ROCK CREEK NO 1	ROCK CR	6 500	41 000	8	1 545
	GASTQUET	N FK SMITH	50 000	200 000	NA	400
	ROCKLAND	N FK SMITH	40 000	200 000	300	450
	DIAMOND CREEK	DIAMOND CR	10 000	60 000	NA	1 000
	ELTAPOM	S FK TRINITY	52 000	266 000	580	324
	HAY FORK	HAY FORK	26 000	132 000	80	680
	SULPHUR GLADE	S FK TRINITY	94 000	355 000	435	1 007
	HELENA	TRINITY	42 000	250 000	2 670	468
	TRINITY	TRINITY	100 000	350 000	2 160	472
	MOREHOUSE	SALMON	90 000	345 000	370	560
	RUSSIANVILLE	N FK SALMON	7 500	30 000	26	645
	MATTHEWS	S FK SALMON	13 000	44 000	25	640
	HAPPY CAMP	KLAMATH	135 000	790 000	3 490	NA
	HAMBURG	KLAMATH	67 000	380 000	1 570	388
	SCOTT VALLEY	SCOTT	50 000	200 000	110	740
	WARM SPRINGS	KLAMATH	30 500	170 000	NA	187
	ESSEX	MAD	10 000	50 000	U	70
	CANYON CREEK	MAD	12 000	68 000	25	150
	BUTLER VALLEY	MAD	10 000	44 000	55	95

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
CALIFORNIA (CONTD)						
	GOLD ROCK	MAD	15 000	78 000	U	274
	BIG BEND	MAD	60 000	300 000	U	1 260
	PILOT CREEK	MAD	10 000	50 000	U	270
	BRIDGEVILLE	VAN DUZEN	40 000	200 000	U	615
	FORKS	VAN DUZEN	30 000	140 000	10	564
	YAGER CREEK	YAGER CR	7 000	30 000	117	156
	DYERVILLE	EEL	12 000	75 000	U	45
	TUTTLE	EEL	40 000	200 000	356	220
	HOLLOW TREE	S FK EEL	20 000	90 000	98	210
	BRANSCOMB	S FK EEL	8 000	35 000	44	610
	SEQUOIA	EEL	40 000	240 000	U	500
	MINA	N FK EEL	14 900	103 000	U	410
	HULL CREEK	HULL CR	14 900	123 000	NA	1 300
	CASOOSE CREEK	CASOOSE CR	14 900	120 000	128	1 340
	ETSEL	M FK EEL	25 200	166 000	1 040	365
	EAST FORK	E FK RUSSIAN	7 000	59 000	NA	134
	NEW POTTER VALLEY	S FK EEL DIV	36 000	250 000	1 000	565
R-	POTTER VALLEY	S FK EEL DIV	9 040-	61 000-	U	476
	MONTICELLO AFTBAY	PUTAH CR	10 800	83 000	14	70
	MONTICELLO	PUTAH CR	100 000	410 000	1 540	230
	SNELL	PUTAH CR	110 000	410 000	U	210
	NOYES	PUTAH CR	130 000	450 000	U	247
	JERUSALEM	PUTAH CR	75 000	250 000	U	139
	STIENHART	SODA CR	137 000	520 000	U	272
	SALMON FALLS	S FK AMERICAN	12 000	40 000	NA	74
	COLOMA	S FK AMERICAN	45 000	130 000	470	310
	CHILI BAR	S FK AMERICAN	7 000	42 000	U	69
	WHITE ROCK	S FK AMERICAN	150 000	485 000	U	870
	WHITE ROCK 5/	S FK AMERICAN	50 000 5/	11 000	U	870
R-	AMERICAN RIVER	S FK AMERICAN	5 477-	29 600-	U	573
A	CAMINO	SILVER CREEK DIV	71 250	106 000	U	1 067
	UNION VALLEY	SILVER CR	33 250	96 000	265	439
	JONES FORK	S FK SILVER CR D	10 000	22 000	46	580
	ROBBS PEAK	RUBICON DIV	25 000	58 000	U	406
	ALDER CREEK	ALDER CR	20 000	105 000	79	1 445
	KYBURZ	S FK AMERICAN	20 000	120 000	63	1 055
	AUBURN	N FK AMERICAN	400 000	526 000	2 131	690
	OXBOW	M FK AMERICAN	6 000	33 000	U	89
	RALSTON	M FK AMERICAN DV	79 200	306 000	U	1 344
	LOON LAKE NO 2	LIT S FK RUBICON	12 000	35 000	U	377
	LOON LAKE NO 1	LOON LAKE DIV	24 000	64 000	73	815
	MIDDLE FORK	RUBICON DIV	109 800	425 000	203	2 096
	FRENCH MEADOWS	M FK AMERICAN DIV	15 300	56 000	125	655
	INDIAN CREEK	N FK AMERICAN	10 000	40 000	10	200
	COLFAX NO 3	N FK AMERICAN	25 000	99 000	NA	695
	PIONEER NO 2	N FK AMERICAN	15 000	59 000	NA	805
	ROLLINS	BEAR	11 000	58 000	74	240
	DUTCH FLAT NO 2	BEAR	22 800	24 200	U	591
	CHICAGO PARK	BEAR	36 300	123 000	U	480
	DRUM NO 2	S FK YUBA DIV	44 100	35 000	U	1 379
	MARYSVILLE	YUBA	50 000	180 000	775	200
	NEW NARROWS	YUBA	41 000	173 000	46	240
R-	NARROWS	YUBA	9 350-	72 000-	45	240
	JONES BAR	S FK YUBA	23 700	78 000	NA	775
	DEVILS SLIDE	S FK YUBA	33 600	100 000	NA	935
	LAKE VALLEY	S FK YUBA	17 500	82 000	35	812
	NEW COLGATE	N FK YUBA DIV	122 000	490 000	U	793
	NEW BULLARDS BAR	N FK YUBA	132 000	350 000	670	605
R-	BULLARDS BAR	N FK YUBA	16 500-	39 600-	10	166
	WAMBO	N FK YUBA	57 900	120 000	36	413
	INDIAN VALLEY	N FK YUBA	47 700	110 000	NA	NA
	DOWNEVILLE	N FK YUBA	32 800	135 000	U	1 336
	SARDINE UNIT	N FK YUBA	13 000	102 000	27	1 659
	THERMALITO	FEATHER	63 600	329 000	NA	103
	OROVILLE	FEATHER	702 000	1 800 000	1 977	615

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
NAME OF PROJECT OR SITE						
CALIFORNIA (CONTD)						
	BALD ROCK 5	M FK FEATHER	75 000	347 000	U	723
	HARTMAN 4	M FK FEATHER	<u>52 000</u>	275 000	U	775
	DOGWOOD 3	M FK FEATHER	36 000	175 000	1	582
	MINERVA 2	M FK FEATHER	40 000	173 000	U	710
	NELSON POINT 1	M FK FEATHER	20 000	75 000	104	360
R	BIG BEND 6/	N FK FEATHER	52 800-	490 000-	U	465
	SWAYNE	N FK FEATHER	<u>84 000</u>	300 000	394	1 450
	BELDEN	N FK FEATHER	117 000	348 000	U	770
	YELLOW CREEK	YELLOW CR	25 000	164 000	100	1 905
	MILL CREEK	E BR N FK DIV	17 500	70 000	10	NA
	EAST BRANCH	E BR N FK FEATHR	16 500	60 000	U	NA
	SPANISH CREEK	SPANISH CR	20 000	80 000	16	NA
	SQUAW QUEEN	LAST CHANCE CR	14 000	52 000	104	1 680
	UPPER INDIAN CR 1	INDIAN CR	18 750	80 000	NA	NA
	UPPER INDIAN CR 2	INDIAN CR	7 500	30 000	NA	NA
	MEADOW VALLEY	SPANISH CR	125 000	500 000	735	1 675
	CENTERVILLE	BUTTE CREEK	24 000	140 000	9	590
R	CENTERVILLE	BUTTE CREEK	6 400-	43 800-	U	577
	NEWVILLE	N FK STONEY CR	8 500	33 000	850	188
	DEER CREEK NO 4	BRUSH CR	5 500	30 000	U	198
	DEER CREEK NO 3	DEER CR	35 400	174 000	NA	1 070
	DEER CREEK NO 2	DEER CR	27 100	135 000	NA	828
	DEER CREEK NO 1	DEER CR	29 200	118 000	156	1 618
	ANTELOPE CREEK 3	ANTELOPE CR	5 700	32 000	NA	342
	ANTELOPE CREEK 1	S FK ANTELOPE DV	6 500	46 000	8	1 150
	TABLE MOUNTAIN	SACRAMENTO	<u>54 000</u>	287 000	855	124
	DUNNIGAN	WEST SIDE CANAL	<u>76 000</u>	600 000	NA	68
	WILLOWS	WEST SIDE CANAL	<u>90 000</u>	700 000	NA	80
	COTTONWOOD	SACRAMENTO DIV	<u>400 000</u>	1 500 000	NA	120
	FIDDLERS	M FK COTTONWOOD	8 000	45 000	270	300
	SAELTZER	CLEAR CR	330 000	1 100 000	6	148
	KANAKA	CLEAR CR	1 025 000	3 400 000	105	473
	SPRING CREEK PH	CLEAR CREEK DIV	<u>150 000</u>	500 000	217	646
	BIG SPRINGS NO 3	MCCLLOUD	31 000	65 000	U	297
	UPPER FALLS	MCCLLOUD	18 000	79 000	U	450
	PIT NO 7	PIT	<u>104 400</u>	481 000	16	205
	PIT NO 6	PIT	79 200	337 000	12	155
	MCCLLOUD-PIT	MCCLLOUD DIV	<u>154 800</u>	528 000	23	1 227
	SUGAR LOAF	HAT CR	5 000	42 000	NA	595
	PIT NO 2	PIT	14 000	95 000	NA	103
	NASHVILLE	COSUMNES	30 000	100 000	440	465
	COMANCHE	MOKELUMNE	6 000	30 000	212	107
	MIDDLE BAR	MOKELUMNE	18 000	90 000	46	115
	JESUS MARIA	JESUS MARIA CR	10 000	56 000	NA	1 200
	NEW MELONES	STANISLAUS	<u>150 000</u>	433 000	2 090	583
-R	MELONES	STANISLAUS	24 300-	102 300-	102	230
-A	PHOENIX	S FK STANSLS DIV	13 000	52 000	U	1 087
	STANISLAUS NO 2	M FK STANISLAUS	40 000	193 000	U	1 525
	COLLIERVILLE	N FK STANSLS DIV	<u>161 000</u>	524 000	U	2 255
	SAND BAR	M FK STANISLAUS	21 600	122 000	U	220
	DARDANELLES	M FK STANISLAUS	6 000	42 000	28	500
	BIG TREES	N FK STANISLAUS	50 000	142 000	160	776
	BOARDS CROSSING	N FK STANISLAUS	<u>85 000</u>	229 000	38	1 685
	SAND FLAT	HIGHLAND CR DIV	25 000	62 000	128	741
	MORAN CREEK	MORAN CR	6 000	33 000	U	575
	NEW DON PEDRO	TUOLUMNE	<u>130 400</u>	617 000	1 721	530
-R	DON PEDRO	TUOLUMNE	26 990-	200 000-	262	261
-A	MCCASIN CREEK	TUOLUMNE DIV	30 000	17 000	U	1 316
	BIG HUMBUG CREEK	TUOLUMNE	8 000	55 000	U	233
	MOUTH OF CLAVEY	TUOLUMNE	9 500	62 000	U	265
	CLAVEY R DIVR	TUOLUMNE	13 500	100 000	65	1 935
	SOUTH FORK P H 1	S FK TUOLUMNE	13 000	32 000	41	824
	EARLY INTAKE 2/	CHERRY CR	3 600-	0	U	345
	CANYON	TUOLUMNE	<u>67 500</u>	572 000	310	1 452
	SNELLING	MERCED	25 000	73 000	190	98

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
CALIFORNIA (CONTD)						
R-	MERCED FALLS	MERCED	3 440-	14 000-	U	26
	NEW EXCHEQUER	MERCED	80 000	363 000	1 010	462
-R	EXCHEQUER	MERCED	31 250-	128 500-	276	300
	BAGBY	MERCED	50 000	204 000	360	432
	SNOW CREEK	SNOW CR	15 000	50 000	55	1 150
A	BIG CREEK NO 3	SAN JOAQUIN	50 000	221 000	U	827
	WEST SIDE PP 8A	SAN JOAQUIN	36 000	315 000	U	715
	CHIUQUITO	CHIUQUITO CR DIV	30 000	123 000	75	1 670
	FORKS	SAN JOAQUIN	35 000	150 000	35	570
	MILLER BRIDGE	M FK SAN JOAQUIN	30 000	140 000	25	900
	PIEDRA AFTERBAY	KINGS	12 500	52 300	6	45
	PINE FLAT	KINGS	150 000	300 000	904	386
	KELLERS RANCH	KINGS	120 000	270 000	250	450
	KINGS RIVER	DINKEY CR	10 000	56 000	NA	790
	ROSS	DINKEY CR	25 000	123 000	NA	1 800
	DINKEY CREEK	DINKEY CR	25 000	103 000	60	1 850
	COURTRIGHT HELMS	HELMS CR DIV	41 000	170 000	123	1 634
	JUNCTION	KINGS	70 000	260 000	14	880
	CEDAR GROVE	S FK KINGS	60 000	300 000	U	2 140
	PARADISE VALLEY	S FK KINGS	40 000	220 000	55	2 048
	TEHIPITE	M FK KINGS	50 000	250 000	U	1 740
	SIMPSON MEADOW	M FK KINGS	60 000	370 000	150	1 844
	TERMINUS	KAWEAH	10 000	40 000	100	174
-A	KERN CANYON	KERN	23 520	80 000	U	260
A-	KERN RIVER NO 1	KERN	5 000	50 000	U	877
A-	BOREL	KERN	7 000	34 000	492	270
	ONYX	S FK KERN	15 000	69 000	U	1 720
	ROCKHOUSE	S FK KERN	10 000	38 000	72	990
	KERN RIVER NO 8	S FK KERN	5 000	38 000	U	460
	MONACHE	S FK KERN	10 000	52 000	25	1 660
-A	KERN RIVER NO 3	KERN	28 000	150 000	U	821
	JUNCTION	KERN	60 000	350 000	100	1 040
	LITTLE KERN	KERN	40 000	236 000	25	955
	KERN LAKE	KERN	25 000	180 000	47	950
	SESPE 3 PLANTS	SESPE CR	23 000	70 000	U	1 610
	LAKE WOHLFORD	ESCONDIDO CR	133	1 000	U	200
A-	DROP NO 5	ALL AMERICAN CAN	5 000	24 000	U	24
	DROP NO 3	ALL AMERICAN CAN	4 800	49 000	U	25
			9 850 756	37 151 700		
PACIFIC TOTAL			35 090 836	131 073 600		
ALASKA						
	MAYBE CREEK	MAYBE CR	67 000	380 000	NA	NA
	KUKPUK	KUKPUK	11 350	60 000	NA	100
	IGICHUK	NOATAK	650 000	3 400 000	7 500	340
	NOATAK NO 5	NOATAK	26 000	150 000	1 700	NA
	NOATAK NO 4	NOATAK	28 000	160 000	NA	140
	UPPER CANYON	NOATAK	556 000	2 900 000	740	280
	NOATAK NO 3	NOATAK	40 000	230 000	650	240
	NOATAK NO 2	NOATAK	23 000	130 000	NA	160
	NOATAK NO 1	NOATAK	22 000	120 000	3 100	200
	LOWER GORGE	KOBUK	19 000	110 000	2 000	NA
	CANDLE	KIWALIK	10 000	60 000	NA	NA
	KUGRUK	KUGRUK LAGOON	14 000	74 000	365	NA
	IMURUK	TUKSUK CHANNEL	90 000	124 000	65M	200
	SALMON LAKE	SNAKE	7 000	40 000	NA	NA
	FISH RIVER	FISH	12 000	63 000	1 000	NA
	KALTAG	YUKON	2 380 000	16 250 000	1/2 41M	140
	HUGHES SITE	KOYUKUK	175 000	1 180 000	455	85
	KANUTI	KOYUKUK	515 000	3 470 000	NA	240
	MELOZITNA RIVER	MELOZITNA	50 000	320 000	800	285
	NOWITNA RIVER	NOWITNA	33 000	220 000	1 200	120

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
ALASKA (CONTD)					
KANTISHNA	KANTISHNA	38 000	165 000	NA	NA
LOWER CHATANIKA	CHATANIKA	15 000	60 000	NA	NA
TEKLANIKA NO 3	TEKLANIKA	12 800	78 000	NA	230
TEKLANIKA NO 2	TEKLANIKA	13 200	81 000	NA	230
TEKLANIKA NO 1	TEKLANIKA	14 600	78 000	160	NA
MCKINLEY	NENANA	55 000	340 000	NA	NA
YANERT	NENANA	28 600	175 000	NA	200
JACK	JACK	13 000	79 000	NA	NA
NENANA	NENANA	28 000	170 000	500	NA
BRUSKASNA	NENANA	37 500	130 000	NA	NA
TOTATLANIKA	TOTATLANIKA	15 800	97 000	70	700
CHENA RIVER	CHENA	10 200	62 000	50	NA
SALCHA RIVER	SALCHA	21 400	131 000	340	NA
GOODPASTOR RIVER	GOODPASTOR	7 080	37 000	140	NA
CATHEDRAL SITE	TANANA	108 000	570 000	3 400	NA
NABESNA	NABESNA	21 000	120 000	1 500	NA
CHISANA NO 2	NABESNA	35 000	200 000	NA	NA
CHISANA NO 1	CHISANA	7 000	40 000	510	NA
RAMPART CANYON	YUKON	5 040 000	34 200 000	8/10 70M	445
BEAVER CREEK	BEAVER	11 200	49 000	NA	NA
CAMPBELL RIVER	PORCUPINE	215 000	1 190 000	6 000	240
WOODCHOPPER CREEK	YUKON	2 440 000	16 830 000	21 500	370
BOUNDARY	YUKON	490 000	3 400 000	NA	NA
FORTY MILE RIVER	FORTY MILE	44 000	250 000	2 900	NA
CROOKED CREEK	KUSKOKWIM	576 000	4 010 000	31 000	160
LAKE KULIK	BEVERLY L	42 800	190 000	422	68
GRANT LAKE	KULIK L	5 800	25 000	96	397
NUYAKUK LAKE	KULIK L	91 000	400 000	2 500	160
AGULUWAK RIVER	AGULUWAK	42 300	200 000	NA	NA
CHIKUMINUK LAKE	CHAVEKUKTULI L	58 800	260 000	243	320
UPNUK LAKE	CHIKUMINUK L	11 700	51 000	256	NA
KUKAKLEK LAKE	KUKAKLEK L DIV	85 700	333 000	1 051	762
TAZIMINA L NO 2	TAZIMINA L DIV	50 500	314 200	761	642
L KONTRASHIBUNA	L CLARK	20 800	91 000	470	268
INGERSOL LAKE	KIJIK DIV	47 800	297 500	370	1 253
KULIK LAKE	ALAGNAK	7 000	31 000	388	100
GROSVENOR	NAKNEK L	22 600	99 000	1 060	114
CRESCENT LAKE	TUXEDNI BAY	60 000	260 000	600	639
CHAKACHAMNA	MC ARTHUR	320 000	1 780 000	1 606	942
CRATER	CHAKACHATNA	53 000	280 000	NA	120
SPURP	CHAKACHATNA	167 000	880 000	NA	380
BARRIER	CHAKACHATNA	150 000	790 000	1 800	NA
BELUGA LAKE	BELUGA	21 600	114 000	860	NA
TERROR LAKE	CANYON	22 500	70 000	NA	1 291
FRAZIER LAKE	OLGA BAY	34 400	150 000	166	395
SPIRIDON LAKE	SPIRIDON BAY	23 000	110 000	NA	457
UGANIK LAKE	UGANIK BAY	20 400	89 000	400	266
SHELL	SKWENTNA	25 000	132 000	380	NA
HAYES	SKWENTNA	25 000	132 000	140	NA
HAPPY RIVER	HAPPY	5 800	31 000	60	NA
SHEEP RIVER	SHEEP	12 000	70 000	520	NA
TALKEETNA NO 3	TALKEETNA	35 000	200 000	320	NA
TALKEETNA	TALKEETNA	75 000	390 000	820	NA
CACHE	TALKEETNA	35 000	190 000	470	NA
DEVIL CANYON	SUSITNA	580 000	2 900 000	9 000	575
SUSITNA-WATANA	SUSITNA	350 000	2 000 000	1 000	425
DENALI VEE	SUSITNA	460 000	2 000 000	5 000	530
MATANUSKA NO 2	MATANUSKA	15 000	90 000	180	NA
RUSH LAKE	MATANUSKA	7 000	40 000	60	NA
MATANUSKA NO 1	MATANUSKA	18 000	100 000	290	NA
THREE MILE	MATANUSKA	25 000	131 000	170	500
FIVE MILE	CARIBOU CR	15 000	79 000	210	NA
KNIK RIVER	KNIK	190 000	1 000 000	2 000	250
EAGLE RIVER	EAGLE RIVER	15 000	NA	NA	NA
STETLER	KENAI	89 000	440 000	1 130	NA

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
ALASKA (CONTD)					
JUNEAU LAKE	JUNEAU CR	8 000	35 000	27	600
CRESCENT LAKE	CRESCENT L	10 000	40 000	NA	NA
GRANT LAKE	KENAI L	18 000	64 000	170	300
KASIOF	KASIOF	24 000	105 000	NA	93
BRADLEY LAKE	BRADLEY DR	<u>63 900</u>	280 000	311	1 146
HALIBUT CREEK	HALIBUT CR	9 000	40 000	NA	NA
RESURRECTION	RESURRECTION	10 000	60 000	320	NA
BEAR LAKE	BEAR L	40 000	175 000	95	NA
SOLOMON GULCH	SOLOMON GULCH	7 500	32 000	16	410
R SOLOMON GULCH	SOLOMON CR	150-	500-	U	430
KEYSTONE CANYON	LOWE	31 000	163 000	240	460
POWER CREEK	POWER CR	14 500	64 000	60	570
BREMNER RIVER	BREMNER	<u>76 700</u>	400 000	1 575	NA
TEBAY NO 1	L BREMNER	61 400	270 000	180	860
PENINSULA	COPPER	<u>567 000</u>	3 000 000	300	NA
TIEKEL	TIEKEL	33 000	175 000	50	700
TONSINA NO 2	TIEKEL	20 000	88 000	110	710
WOOD CANYON	COPPER	<u>1 080 000</u>	7 000 000	14 450	NA
KENNICOTT	NIZINA	21 500	113 000	NA	NA
NIZINA	NIZINA	<u>100 000</u>	520 000	850	NA
CHITINA	CHITINA	140 050	770 000	2 500	NA
KLUTINA	COPPER	<u>54 000</u>	355 000	600	465
TAZLINA	TAZLINA	75 000	490 000	900	605
ENDICOTT	ENDICOTT	13 000	70 000	50	NA
TAIYA NO 2	TAIYA	<u>400 000</u>	2 100 000	NA	NA
TAIYA NO 1	TAIYA	400 000	2 100 000	NA	NA
ANTLER LAKE	S FK ANTLER	8 000	40 000	20	1 980
NUGGET CREEK	NUGGET CR	8 900	42 000	13	530
R NUGGET CREEK	NUGGET CREEK	3 000-	1 500-	NA	490
TREADWELL DITCH	TREADWELL DITCH	7 500	35 000	NA	516
R 240 FOOT	FISH CREEK DITCH	1 012-	500-	U	518
RHINE CREEK	RHINE CR	2 000	10 500	NA	NA
R GOLD CREEK	GOLD CR	6 900	56 000	NA	220
R GOLD CREEK	GOLD CR	1 600-	6 800-	U	225
LEMON CREEK	LEMON CR	5 025	26 500	18	260
CARLSON CREEK	CARLSON CR	9 375	60 000	140	440
BOUNDARY CREEK	BOUNDARY CR	11 250	59 000	110	470
YEHRING LAKE	YEHRING CR	18 125	95 000	70	1 020
DOROTHY L NO 48	DOROTHY CR	28 000	130 000	72	408
CRATER LAKE NO 46	CRATER CR	22 000	96 000	60	1 030
SNETTISHAM	CRATER L LONG L	<u>60 000</u>	303 300	270	1 020
SPEEL RIVER NO 44	SPEEL	72 000	490 000	607	378
SWEETHEART LAKES	SWEETHEART LAKE	15 000	120 000	128	640
SCENERY CR NO 37	SCENERY	18 000	79 000	44	960
CASCADE CREEK	CASCADE	34 000	150 000	96	107
DELTA CREEK	DELTA CR	11 170	59 000	6	1 260
STIKINE	STIKINE	<u>120 000</u>	700 000	NA	NA
VIRGINIA LAKE	MILL CR	2 700	10 000	NA	NA
R MILL CREEK	MILL CR	6 000	30 000	35	116
R MILL CREEK	MILL CR	200-	500-	NA	100
AARON CREEK	AARON CR	9 375	49 000	32	90
ANAN LAKE	ANAN L	8 750	46 000	25	230
MARTEN CREEK	MARTEN CR	5 125	27 000	85	807
TOM CREEK	TOM CR	8 750	46 000	9	380
HARDING	HARDING	20 000	110 000	170	263
TYEE CREEK	TYEE CR	23 000	130 000	70	1 390
WHITE RIVER	WHITE	20 000	105 000	200	340
SHELOKUM LAKE	SHELOKUM L	8 750	46 000	20	363
SHORT CREEK	SHORT CR	9 250	49 000	113	630
GRANITE CREEK	GRANITE CR	9 000	50 000	40	870
PUNCH BOWL CREEK	PUNCH BOWL CR	13 000	70 000	80	618
WINSTANLEY CREEK	WINSTANLEY CR	5 000	26 000	25	345
WILSON LAKE	WILSON	9 000	50 000	100	330
HUMPBAC LAKE	HUMPBAC CR	7 125	38 000	70	230
DAVIS	DAVIS	29 000	160 000	180	535

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
ALASKA (CONTD)						
	SOULE GLACIER	SOULE GLACIER	12 500	66 000	NA	NA
	KATHLEEN CREEK	KATHLEEN CR	9 000	50 000	40	415
	THAYER CREEK	THAYER CR	12 000	70 000	130	315
	HASSELBORG	HASSELBORG	16 000	90 000	190	265
	GOULDING LAKE	GOULDING CR	7 000	37 000	57	128
	PORCUPINE CREEK	PORCUPINE CR	6 500	34 000	20	440
	MAKSOUTOF RIVER	MAKSOUTOF	24 000	130 000	160	630
	LAKE PLOTNIKOF	L PLOTNIKOF	7 500	66 000	32	275
	LAKE DIANA	DIANA DRAIN	8 000	35 000	NA	NA
	TAKATZ L NO 149	TAKATZ	15 000	66 000	32	917
	BARANOF LAKE	BARANOF	7 500	39 000	53	160
	CARBON LAKE	COAL CR	11 250	59 000	53	230
	MILK LAKE	MILK CR	6 250	33 000	10	430
	PARRY LAKE	PARRY CR	5 000	26 000	5	375
	BRENTWOOD CREEK	BRENTWOOD CR	7 000	40 000	30	600
	DEER LAKE	DEER CR	6 370	33 000	65	378
	ROSTISLAF LAKES	ROSTISLAF CR	5 000	26 000	35	550
A	BLUE LAKE	MEDVETCHA	3 000	10 000	113	350
	KUPREANOF	HAMILTON CR	21 600	NA	NA	NA
	MCHENRY LAKE	MCHENRY CR	5 370	28 000	10	300
	MAHONEY CREEK	REVILL CHANNEL	9 125	48 000	9	1 815
A	BEAVER FALLS	BEAVER FALLS CR	5 500	16 000	16	809
	SILVIS LAKE	SILVIS LAKE	1 120	5 000	NA	NA
	LAKE WHITMAN	CASE CR	4 050	16 000	33	397
	NAHA	NAHA	5 870	31 000	35	205
	ORCHARD CREEK	ORCHARD CR	9 000	50 000	100	175
	GRACE L NO 113	GRACE CR	22 200	96 000	108	455
	PROJECT 114	MANZANITA CR	29 600	127 000	100	300
	SWAN L PROJ 117	FALLS CR	15 000	67 000	104	NA
	KLAKAS LAKE	KLAKAS L	6 000	31 500	50	410
	REYNOLDS CREEK	REYNOLDS CR	9 000	50 000	30	NA
	CLOVER CREEK	CLOVER	10 000	53 000	7	440
	KEGAN CREEK	KEGAN CR	5 000	26 000	25	110
	KUGEL LAKE	KUGEL CR	5 750	30 000	10	560
<u>ALASKA TOTAL</u>			<u>21 616 893</u>	<u>132 399 700</u>		
HAWAII						
	KAUAI	WAINIHA	25 000	200 000	NA	3 300
B	OTHER POTENTIAL		250 000	1 100 000	NA	NA
<u>HAWAII TOTAL</u>			<u>275 000</u>	<u>1 300 000</u>		
<u>UNITED STATES TOTAL</u>			<u>115 733 891</u>	<u>445 858 440</u>		

SEE FOOTNOTES AT END OF TABLE

TABLE 10 (Contd) - UNDEVELOPED By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AVERAGE ANNUAL GENERATION 1,000 KWH	USABLE POWER STORAGE 1,000 AC-FT	GROSS STATIC HEAD FT.
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- A. ADDITIONAL POSSIBLE CAPACITY AND INCREMENTAL AVERAGE ANNUAL GENERATION AT EXISTING PLANT.
- B. BLOCK OF UNDEVELOPED POWER IN REACH OF RIVER BETWEEN DESIGNATED POINTS.
- E. ADDITIONAL POSSIBLE AVERAGE ANNUAL GENERATION AT EXISTING PLANT RESULTING FROM FUTURE CONSTRUCTION OF ADDITIONAL UPSTREAM STORAGE.
- R. EXISTING PLANT SUBJECT TO POSSIBLE REDEVELOPMENT. PLANT COULD BE REPLACED BY POTENTIAL PROJECT USUALLY LISTED NEXT ABOVE. IN SOME INSTANCES MORE THAN ONE EXISTING PLANT COULD BE REDEVELOPED BY THE SAME POTENTIAL PROJECT. THE CAPACITY AND GENERATION OF THE PLANT TO BE REDEVELOPED ARE SHOWN AS NEGATIVE AMOUNTS SO THAT ONLY THE NET GAIN DUE TO THE REDEVELOPMENT IS ADDITIVE IN THE TOTALS IN THE TABLE.
- U. USABLE POWER STORAGE CAPACITY IS LESS THAN 5,000 ACRE-FEET.
- NA. DATA NOT AVAILABLE.
- * SITE OF PROJECT IS ON BOUNDARY RIVER BETWEEN TWO STATES. INSTALLED CAPACITY AND GENERATION ARE DIVIDED EQUALLY BETWEEN STATES AS LISTED. USABLE POWER STORAGE CAPACITY AND GROSS STATIC HEAD SHOWN ARE THE TOTAL FOR THE SITE.
- 1/ A 66,000-KILOWATT INSTALLATION WITH A 220-FOOT NORMAL POOL ELEVATION IS PRESENTLY AUTHORIZED. NEW STUDIES NOW BEING MADE ARE CONSIDERING A PROJECT AT THIS SITE WITH A 20-FOOT HIGHER NORMAL POOL ELEVATION AND AN INSTALLED CAPACITY 36,000 KILOWATTS GREATER.
- 2/ PLANT TO BE RETIRED FROM SERVICE.
- 3/ PLANNED FUTURE ADDITION TO THE 408,000-KILOWATT INSTALLATION NOW UNDER CONSTRUCTION.
- 4/ PLANNED FUTURE ADDITION TO THE 705,850-KILOWATT INSTALLATION NOW UNDER CONSTRUCTION.
- 5/ PLANNED FUTURE ADDITION TO THE 150,000-KILOWATT INSTALLATION NOW UNDER CONSTRUCTION.
- 6/ THE OROVILLE PROJECT WILL REDEVELOP THIS EXISTING PLANT.
- 7/ USABLE POWER STORAGE CAPACITY IS 241,000,000 ACRE-FEET.
- 8/ USABLE POWER STORAGE CAPACITY IS 1,070,000,000 ACRE-FEET.

Installed capacity = 50,000kw and over

TABLES OF
LICENSED,
FEDERAL,
AND
LARGE
HYDROELECTRIC
PROJECTS

**TABLE 11 - HYDROELECTRIC PLANTS UNDER FPC LICENSE
IN OPERATION, UNDER CONSTRUCTION, AND AUTHORIZED - JANUARY 1, 1964**

PRO- JECT NO.	LICENSEE	PLANT	RIVER	STATE	USABLE POWER 2/ STORAGE 1,000 AC-FT	INSTALLED CAPACITY - KILOWATTS 3/		
						CONSTRUCTED	UNDER CONSTRUCTION	ULTIMATE
5	MONTANA POWER CO THE	KERR	FLATHEAD	MONT	1217	168 000	-	224 000
13	FORD MOTOR CO	GREEN ISLAND	HUDSON	N Y	NA	16 800	-	16 800
18	IDAHO POWER CO	SNAKE	IDAHO	IDAHO	U	13 500	-	13 500
20	UTAH POWER AND LIGHT CO	SODA	BEAR	IDAHO	12	14 000	-	14 000
67 A	SOUTHERN CALIF EDISON CO	BIG CREEK NO 8	SAN JOAQUIN	CALIF	U	58 500	-	58 500
67 B	SOUTHERN CALIF EDISON CO	BIG CREEK NO 2A	BIG CR	CALIF	135	80 000	-	80 000
77	PACIFIC GAS AND ELEC CO	POTTER VALLEY	S FK EEL DIV	CALIF	U	9 040	-	9 040
78	PACIFIC GAS AND ELEC CO	AMERICAN RIVER	S FK AMERICAN	CALIF	U	5 477	-	5 477
88	ALABAMA POWER CO	MITCHELL	COOSA	ALA	33	72 500	-	137 500
88	MERCED IRRIG DIST	EXCHEQUER	MERCED	CALIF	276	31 250	-	31 250
96	PACIFIC GAS AND ELEC CO	KERCKHOFF	SAN JOAQUIN	CALIF	U	34 080	-	34 080
99	PACIFIC GAS AND ELEC CO	JUNCTION CITY	CANYON CREEK DIV	CALIF	U	2 720	-	2 720
120	SOUTHERN CALIF EDISON CO	BIG CREEK NO 3	SAN JOAQUIN	CALIF	U	106 500	-	156 500
135	PORTLAND GENERAL ELEC CO	OAK GROVE	CLACKAMUS	OREG	U	51 000	-	76 000
137 A	PACIFIC GAS AND ELEC CO	NEW ELECTRA	MOKELUMNE	CALIF	U	89 100	-	89 100
137 B	PACIFIC GAS AND ELEC CO	WEST POINT	N FK MOKELUMNE	CALIF	U	13 600	-	13 600
137 C	PACIFIC GAS AND ELEC CO	TIGER CREEK	N FK MOKELUMNE	CALIF	NA	51 000	-	51 000
137	PACIFIC GAS AND ELEC CO	SALT SPRINGS 1	N FK MOKELUMNE	CALIF	128	9 350	-	9 350
137 D	PACIFIC GAS AND ELEC CO	SALT SPRINGS 2	N FK MOKELUMNE	CALIF	47	29 700	-	29 700
175	PACIFIC GAS AND ELEC CO	GALCH	N FK KINGS	CALIF	U	128 200	-	128 200
176	ESCONDIDO MUTUAL WATER CO	RINCON POWER	ESCONDIDO CR DIV	CALIF	U	240	-	240
176	ESCONDIDO MUTUAL WATER CO	BEAR VALLEY	ESCONDIDO CR	CALIF	7	520	-	520
176	ESCONDIDO MUTUAL WATER CO	LAKE WOHLFORD	ESCONDIDO CR	CALIF	U	-	-	133
178	PACIFIC GAS AND ELEC CO	KERN CANYON	KERN	CALIF	U	8 480	-	32 000
184	PACIFIC GAS AND ELEC CO	EL DORADO	S FK AMERICAN	CALIF	U	20 000	-	20 000
187	PACIFIC GAS AND ELEC CO	BULLARDS BAR	N FK YUBA	CALIF	10	6 500	-	4/
190	UINTAH POWER AND LIGHT CO	UINTAH	UINTAH	UTAH	NA	1 200	-	1 200
199	SO CAROLINA PUB SERV AUTH	PINOPOLIS	SANTEE&COOPER	S C	1100	132 615	-	163 215
199	SO CAROLINA PUB SERV AUTH	SPILLWAY	SANTEE	S C	1100	1 920	-	1 920
201	PETERSBURG TOWN OF	BLIND RIVER	CRYSTAL LAKE	ALSKA	U	2 400	-	2 400
204	WASHINGTON WTR PWR CO THE	GRANGEVILLE	S FK CLEARWATER	IDAHO	NA	1 000	-	1 000
233 A	PACIFIC GAS AND ELEC CO	PIT NO 5	PIT	CALIF	U	128 000	-	128 000
233 B	PACIFIC GAS AND ELEC CO	PIT NO 4	PIT	CALIF	U	90 000	-	90 000
233 C	PACIFIC GAS AND ELEC CO	PIT NO 3	PIT	CALIF	8	74 790	-	74 790
271 A	ARKANSAS PWR AND LT CO	REMEL	OUACHITA	ARK	21	9 300	-	15 900
271 B	ARKANSAS PWR AND LT CO	CARPENTER	QUACHITA	ARK	120	56 000	-	84 000
287	NO COUNTIES HYDRO ELEC CO	DAYTON	FOX	ILL	NA	3 680	-	3 680
289	LOUISVILLE GAS AND EL CO	OHIO FALLS	OHIO	KY	NA	80 320	-	99 520
308	PACIFIC PWR AND LT CO	WALLOWA FALLS	E FK WALLOWA	OREG	U	800	-	800
309	PENNSYLVANIA ELEC CO	PINEY	CLARION	PA	13	28 800	-	38 400
344	CALIFORNIA ELEC PWR CO	SAN GORGONIO NO 2	SAN GORGONIO CR	CALIF	NA	750	-	750
344	CALIFORNIA ELEC PWR CO	SAN GORGONIO NO 1	SAN GORGONIO CR	CALIF	NA	1 500	-	1 500
346	MINNESOTA POWER AND LT CO	BLANCHARD	MISSISSIPPI	MINN	U	12 000	-	18 000
349	ALABAMA POWER CO	MARTIN DAM	TALLAPOOSA	ALA	1375	154 200	-	325 200
362	FORD MOTOR CO	TWIN CITY	MISSISSIPPI	MINN	U	14 400	-	14 400
372	SOUTHERN CALIF EDISON CO	LOWER TULE	TULE	CALIF	U	2 000	-	2 000
382	SOUTHERN CALIF EDISON CO	BOREL	KERN	CALIF	492	9 200	-	16 200
400	WESTERN COLORADO P CO THE	TACOMA	ANIMAS	COLO	23	8 000	-	8 000
400	WESTERN COLORADO P CO THE	NEW AMES	LAKE FORK	COLO	U	3 600	-	3 600
401	MICHIGAN GAS AND EL CO	MOTTVILLE	ST JOSEPH	MICH	NA	1 680	-	1 680
405	SUSQ PWR & PHILA EL PWR	CONOWINGO	SUSQUEHANNA	MD	71	252 000	222 480	474 480
420	KETCHIKAN CITY OF	KETCHIKAN	KETCHIKAN CR	ALSKA	U	4 200	-	4 200
432	CAROLINA POWER AND LT CO	WALTERS	PIGEON	N C	20	108 000	-	108 000
459	UNION ELECTRIC CO OF MO	OSAGE	OSAGE	MO	1246	172 000	-	172 000
469	MINNESOTA POWER AND LT CO	WINTON	KAWISHIWI	MINN	8	4 000	-	4 000
472	UTAH POWER AND LIGHT CO	ONEIDA	BEAR	IDAHO	12	30 000	-	30 000
485	GEORGIA POWER CO	BARTLETTS FERRY	CHATTAAHOOCHEE	GA	57	65 000	-	65 000
486	UTAH POWER AND LIGHT CO	LOGAN	LOGAN	UTAH	NA	2 000	-	2 000
487	PENNSYLVANIA P AND LT CO	WALLENPAUPACK	LACKAWAXEN	PA	158	40 000	-	80 000
503	IDAHO POWER CO	SWAN FALLS	SNAKE	IDAHO	U	10 265	-	10 265
516	SO CAROLINA EL AND GAS CO	SALUDA	SALUDA	S C	1613	130 000	-	195 000
539	KENTUCKY UTILITIES CO	LOCK NO 7	KENTUCKY	KY	NA	2 040	-	2 040
553 A	SEATTLE DEPT OF LIGHTING	GORGE	SKAGIT	WASH	7	134 400	-	178 000
553 B	SEATTLE DEPT OF LIGHTING	DIABLO	SKAGIT	WASH	61	240 000	-	240 000
553 C	SEATTLE DEPT OF LIGHTING	ROSS	SKAGIT	WASH	1023	360 000	-	360 000
588	CROWN ZELLERBACH CORP	GLINES CANYON	ELWHA	WASH	26	12 000	-	12 000
597	UTAH POWER AND LIGHT CO	STAIRS	BIG COTTONWOOD C	UTAH	NA	1 000	-	1 000
618	ALABAMA POWER CO	JORDAN NO 1	COOSA	ALA	44	100 000	-	125 000
619	PACIFIC GAS AND ELEC CO	BUCKS CREEK	N FK FEATHER	CALIF	U	66 000	-	66 000
621	WASHINGTON WTR PWR CO THE	LEWISTON	CLEARWATER	IDAHO	U	10 000	-	10 000
632	MONROE CITY CORP	LOWER MONROE	MONROE CR	UTAH	NA	100	-	100
637	CHELSEA COUNTY PUD NO 1	WICK	CHELSEA	MA	676	48 000	-	96 000
659	CRISP COUNTY POWER COMM	FLINT	FLINT	GA	NA	15 200	-	15 200
665	UTAH POWER AND LIGHT CO	SANTAQUIN	SUMMIT CR	UTAH	NA	880	-	880
671	UTAH POWER AND LIGHT CO	ALPINE	DRY CR	UTAH	NA	1 750	-	1 750

TABLE 11 (Contd) - HYDROELECTRIC PLANTS UNDER FPC LICENSE

PROJECT NO.	LICENSEE	PLANT	RIVER	STATE	USABLE POWER 2/ STORAGE 1,000 AC-FT	INSTALLED CAPACITY - KILOWATTS 3/		
						CONSTRUCTED	UNDER CONSTRUCTION	ULTIMATE
682	FLORIDA POWER CORPORATION	JACKSON BLUFF	OCKLOCKONEE	FLA	18	8 800	-	8 800
693	HIGHLANDS TOWN OF	HIGHLANDS	CULLASAJA CR	UTAH	NA	200	-	600
696	UTAH POWER AND LIGHT CO	UPPER AMERICAN FK	PARIS CR	IDAHO	NA	650	-	650
703	UTAH POWER AND LIGHT CO	PARIS	WOLF	WIS	NA	700	-	700
710	WISCONSIN POWER AND LT CO	SHAWANO						
713	UTAH POWER AND LIGHT CO	UPPER MILL CREEK	MILL CR	UTAH	NA	300	-	300
719	SMITH JESSE I	TRINITY	HELPS CR	WASH	NA	432	-	318
733	WESTERN COLORADO P CO THE	LOWER BEAVER	BEAVER	COLO	U	318	-	432
739	APPALACHIAN POWER CO	CLAYTOR	NEW	VA	95	75 000	-	75 000
749	UTAH POWER AND LIGHT CO	MALAD CITY	BIRCH CR	IDAHO	NA	200	-	200
785	ALLEGAN CITY OF	ALLEGAN CITY	KALAMAZOO	MICH	NA	2 550	-	2 550
814	UTAH POWER AND LIGHT CO	BEAVER NO 3	BEAVER	UTAH	NA	600	-	600
814	UTAH POWER AND LIGHT CO	UPPER BEAVER	BEAVER	UTAH	NA	2 400	-	2 400
925	OTTUMWA CITY OF	OTTUMWA	DES MOINES	IOWA	NA	3 000	-	3 000
935	PACIFIC PWR AND LT CO	MERWIN	LEWIS	WASH	246	135 000	-	180 000
943	CHELAN COUNTY PUD NO 1	ROCK ISLAND	COLUMBIA	WASH	5	212 100	-	249 000
946	HYRUM CITY CORP	HYRUM	BLACKSMITH FORK	UTAH	NA	400	-	400
1025	SAFE HARBOR WTR PWR CORP	SAFE HARBOR	SUSQUEHANNA	PA	63	196 000	-	336 000
1051	COMMUNITY UTILITIES INC	SKAGWAY DEWEY	DEWEY LAKES	ALSKA	NA	300	-	300
1175 A	KANAWHA VALLEY POWER CO	MARMET	KANAWHA	W VA	U	14 400	-	14 400
1175 B	KANAWHA VALLEY POWER CO	LONDON	KANAWHA	N VA	U	14 400	-	14 400
1212	EPHRAIM CITY OF	EPHRAIM NO 1	CITY CR	UTAH	NA	150	-	150
1212	EPHRAIM CITY OF	EPHRAIM NO 2	FLINT	UTAH	NA	210	-	210
1218	GEORGIA POWER CO	FLINT RIVER	FLINT RIVER	GA	U	5 400	-	7 200
1235	RADFORD MUNICIPAL PWR	RADFORD	LITTLE	VA	NA	800	-	800
1250	PASADENA CITY OF	AZUSA	SAN GABRIEL	CALIF	NA	3 000	-	3 000
1256	LOUP RIVER PUB PWR DIST	COLUMBUS	LOUP CANAL	NEBR	U	39 900	-	39 900
1256	LOUP RIVER PUB PWR DIST	MONROE	LOUP CANAL	NEBR	NA	7 838	-	7 838
1267	GREENWOOD COUNTY COMM	BUZZARD ROOST	SALUDA	S C	174	15 000	-	15 000
1273	PAROWAN CITY CORPORATION	PAROWAN	CENTER CR	UTAH	NA	600	-	600
1290	KANAWHA VALLEY POWER CO	WINFIELD	KANAWHA	N VA	U	14 760	-	14 760
1302	GRAEAGLE LAND & WATER CO	GRAEAGLE	GRAY EAGLE CR	CALIF	U	200	-	200
1333	PACIFIC GAS AND ELEC CO	TULE RIVER	N FK TULE	CALIF	U	4 800	-	4 800
1354	PACIFIC GAS AND ELEC CO	WISHON A G	N FK WILLOW CR	CALIF	U	12 800	-	12 800
1354	PACIFIC GAS AND ELEC CO	SAN JOAQUIN NO 1A	N FK WILLOW CR	CALIF	U	340	-	340
1354	PACIFIC GAS AND ELEC CO	SAN JOAQUIN NO 2	N FK WILLOW CR	CALIF	U	2 400	-	2 400
1354	PACIFIC GAS AND ELEC CO	SAN JOAQUIN NO 3	N FK WILLOW CR	CALIF	U	4 000	-	4 000
1354	PACIFIC GAS AND ELEC CO	CRANE VALLEY	N FK WILLOW CR	CALIF	45	800	-	800
1388	SOUTHERN CALIF EDISON CO	POOLE	LEEVENING CR	CALIF	U	10 000	-	10 000
1389	SOUTHERN CALIF EDISON CO	RUSH CREEK	RUSH CR	CALIF	18	8 400	-	8 400
1390	SOUTHERN CALIF EDISON CO	MILL CREEK	MILL CR	CALIF	NA	2 400	-	2 400
1394	SOUTHERN CALIF EDISON CO	BISHOP CR NO 5	BISHOP CR	CALIF	3 500	6 800	-	6 800
1394	SOUTHERN CALIF EDISON CO	BISHOP CR NO 4	BISHOP CR	CALIF	NA	6 600	-	6 600
1394	SOUTHERN CALIF EDISON CO	BISHOP CR NO 3	BISHOP CR	CALIF	NA	6 600	-	6 600
1394	SOUTHERN CALIF EDISON CO	BISHOP CR NO 2	BISHOP CR	CALIF	U	7 320	-	7 320
1403	PACIFIC GAS AND ELEC CO	NARROWS	YUBA	CALIF	45	9 350	-	9 350
1413	PONDS LODGE INC	PONDS LODGE	SUFFALO	IDAHO	NA	200	-	200
1417 A	CTL NEBR PUB PWR & I D	JOHNSON NO 2	PLATTE CANAL	NEBR	U	18 000	-	36 000
1417 B	CTL NEBR PUB PWR & I D	JOHNSON NO 1	PLATTE CANAL	NEBR	39	18 000	-	18 000
1417 C	CTL NEBR PUB PWR & I D	JEFFREY CANYON	PLATTE CANAL	NEBR	6	18 000	-	18 000
1447	PACIFIC PWR AND LT CO	COVE NO 1 AND 2	CROOKED	OREG	NA	4	-	4
1473	MONTANA POWER CO THE	FLINT CREEK	FLINT CR	MONT	23	1 100	-	1 100
1487	QUINNAULT LIGHT COMPANY	QUINNAULT	ZEIGLER CR	WASH	NA	250	-	750
1490	BRAZOS RIVER AUTHORITY	MORRIS SHEPPARD	BRAZOS	TEXAS	376	22 500	-	33 750
1494	GRAND RIVER DAM AUTHORITY	PENSACOLA	GRAND	OKLA	554	86 400	-	86 400
1510	KAUKAUNA ELEC WTR DEPT	KAUKAUNA	FOX	WIS	U	4 800	-	4 800
1517	MONROE CITY CORP	UPPER MONROE	MONROE CR	UTAH	NA	125	-	125
1521	PELICAN UTILITY CO	PELICAN	LIESANSKE INLET	ALASKA	NA	500	-	500
1533	SWANSON MINING CORP	SALYER	TRINITY	CALIF	NA	1 600	-	1 600
1574	MANTI CITY LIGHT AND PWR	MANTI	MANTI CR	UTAH	NA	520	-	520
1651	LOWER VAL PWR AND LT CO	AFTON LOWER	SWIFT CR	WYO	U	180	-	180
1651	LOWER VAL PWR AND LT CO	AFTON UPPER	SWIFT CR	WYO	U	800	-	800
1740	UTAH POWER AND LIGHT CO	COKEVILLE	WEBER	WYO	NA	350	-	350
1744	UTAH POWER AND LIGHT CO	WEBER	WEBER	UTAH	NA	2 500	-	2 500
1746	CORD E L	CIRCLE L	LEIDY CR	NEV	NA	200	-	200
1759	WISCONSIN MICHIGAN PWR CO	TWIN FALLS	MENOMINEE	MICH	U	6 144	-	6 144
1759	WISCONSIN MICHIGAN PWR CO	PEAVY FALLS	MICHIGAMME	MICH	34	15 000	-	15 000
1759	WISCONSIN MICHIGAN PWR CO	WAY DAM	NICHIGAMME	MICH	U	1 800	-	1 800
1773	MOON LAKE ELEC ASSN INC	YELLOWSTONE	YELLOWSTONE CR	UTAH	U	1 050	-	1 050
1835	PLATTE VAL PUB PWR & I D	SUTHERLAND	S PLATTE	NEBR	33	-	-	4 050
1835	PLATTE VAL PUB PWR & I D	NORTH PLATTE	N PLATTE CANAL	NEBR	U	26 100	-	26 200
1853	FIRST IOWA HYDRO EL COOP	MUSCATINE	CEDAR CR DIV	IOWA	72	-	-	25 000
1855	NEW ENGLAND POWER CO	BELLOWS FALLS	CONNECTICUT	VT	10	40 800	-	40 800
1858	BEAVER CITY CORPORATION	BEAVER	BEAVER	UTAH	NA	720	-	720

TABLE 11 (Contd) - HYDROELECTRIC PLANTS UNDER FPC LICENSE

PRO- JECT NO.	LICENSEE	PLANT	RIVER	STATE	USABLE POWER 2/ STORAGE 1,000 AC-FT	INSTALLED CAPACITY - KILOWATTS 3/		
						CONSTRUCTED	UNDER CONSTRUCTION	ULTIMATE
1862 A	TACOMA DEPT OF PUB UTILS	LA GRANDE	NISQUALLY	WASH	U	64 000	-	64 000
1862 B	TACOMA DEPT OF PUB UTILS	ALDER	NISQUALLY	WASH	231	30 000	-	30 000
1865	MONTANA POWER CO THE	THOMPSON FALLS	CLARK FORK	MONT	15	30 000	-	63 000
1880	CALVERT CORPORATION	HANLEY CREEK	HANLEY CREEK	ALSKA	NA	250	-	230
1881	PENNSYLVANIA P AND LT CO	HOLTHOOD	SUSQUEHANNA	PA	19	107 200	-	147 200
1888	METROPOLITAN EDISON CO	YORK HAVEN	SUSQUEHANNA	PA	U	19 640	-	19 620
1889	WESTERN MASS ELEC CO	CABOT	CONNECTICUT CAN	MASS	9	51 000	-	51 000
1889	WESTERN MASS ELEC CO	TURNERS FALLS	CONNECTICUT CAN	MASS	9	4 840	-	4 840
1890	DAWSON MARGARET P	WHITE MOUNTAIN	MILNER CR	CALIF	NA	250	-	260
1892	NEW ENGLAND POWER CO	WILDER #	CONNECTICUT	N H	13	16 200	-	24 300
1892	NEW ENGLAND POWER CO	WILDER #	CONNECTICUT	VT	13	16 200	-	24 300
1893	PUBLIC SERVICE CO OF N H	AMOSKEAG	MERRIMACK	N H	U	16 000	-	38 000
1894	SO CAROLINA EL AND GAS CO	PARR	BROAD	S C	NA	14 880	-	14 880
1895	SO CAROLINA EL AND GAS CO	COLUMBIA	BROAD	U C	U	10 600	-	10 600
1899	PENNSYLVANIA ELEC CO	OAKLAND	SUSQUEHANNA	PA	U	600	-	600
1903	CONCORD ELECTRIC CO	SEAWALLS FALLS	MERRIMACK	N H	NA	2 000	-	8 000
1904	NEW ENGLAND POWER CO	VERNON #	CONNECTICUT	N H	6	16 000	-	26 000
1904	NEW ENGLAND POWER CO	VERNON #	CONNECTICUT	VT	6	8 400	-	18 400
1927 C	PUBLIC SERVICE CO OF N H	HOOKSETT	MERRIMACK	N H	U	1 600	-	9 000
1922	KETCHIKAN CITY OF	BEAVER FALLS	BEAVER FALLS CR	ALSKA	16	4 000	-	9 300
1922	KETCHIKAN CITY OF	SILVIS LAKE	SILVIS LAKE	ALSKA	NA	-	-	1 120
1927 A	PACIFIC PWR AND LT CO	SODA SPRINGS	NORTH UMPQUA	OREG	U	11 000	-	11 000
1927 B	PACIFIC PWR AND LT CO	SLIDE CREEK	NORTH UMPQUA	OREG	U	18 000	-	18 000
1927 C	PACIFIC PWR AND LT CO	TOKETEE FALLS	NORTH UMPQUA	OREG	NA	42 500	-	42 500
1927 D	PACIFIC PWR AND LT CO	FISH CREEK	NORTH UMPQUA	OREG	U	11 000	-	11 000
1927 E	PACIFIC PWR AND LT CO	CLEARWATER NO 2	CLEARWATER	OREG	U	26 000	-	26 000
1927 F	PACIFIC PWR AND LT CO	CLEARWATER NO 1	CLEARWATER	OREG	U	15 000	-	15 000
1927 G	PACIFIC PWR AND LT CO	LEMOLO NO 2	NORTH UMPQUA	OREG	U	33 000	-	33 000
1927 H	PACIFIC PWR AND LT CO	LEMOLO NO 1	NORTH UMPQUA	OREG	12	29 000	-	29 000
1930	SOUTHERN CALIF EDISON CO	KERN RIVER NO 1	KERN	CALIF	U	16 000	-	21 000
1932	SOUTHERN CALIF EDISON CO	LYTLE CREEK	LYTLE CR	CALIF	U	400	-	400
1933	SOUTHERN CALIF EDISON CO	SANTA ANA NO 2	SANTA ANA	CALIF	U	800	-	800
1933	SOUTHERN CALIF EDISON CO	SANTA ANA NO 1	SANTA ANA	CALIF	U	3 200	-	3 200
1934	SOUTHERN CALIF EDISON CO	MILL CREEK NO 2	MILL CR	CALIF	U	200	-	400
1934	SOUTHERN CALIF EDISON CO	MILL CREEK NO 3	MILL CR	CALIF	U	1 800	-	1 800
1940	WISCONSIN PUB SERV CORP	TOMAHAWK	WISCONSIN	WIS	U	2 600	-	2 600
1946	DAY MRS O B	DAYVILLE	ALLISON CR	ALSKA	NA	200	-	200
1951	GEORGIA POWER CO	SINCLAIR	OCONEE	GA	111	45 000	-	45 000
1953	CONSOLIDATED WATER PWR CO	DU BAY	WISCONSIN	WIS	25	7 200	-	7 400
1957	WISCONSIN PUB SERV CORP	OTTER RAPIDS	WISCONSIN	WIS	U	700	-	700
1960	DAIRYLAND PWR COOP	FLAMBEAU	FLAMBEAU	WIS	14	15 000	-	15 000
1962 A	PACIFIC GAS AND ELEC CO	CRESTA	N FK FEATHER	CALIF	U	67 500	-	67 500
1962 B	PACIFIC GAS AND ELEC CO	ROCK CREEK	N FK FEATHER	CALIF	U	113 400	-	113 400
1966	WISCONSIN PUB SERV CORP	GRANDFATHER	WISCONSIN	WIS	NA	17 240	-	17 240
1967	WHITING PLOVER PAPER CO	STEVENS POINT	WISCONSIN	WIS	NA	625	-	625
1968	WISCONSIN PUB SERV CORP	HAT RAPIDS	WISCONSIN	WIS	U	1 440	-	1 440
1970	STELLING HARVEY F	SOLOMON GULCH	SOLOMON CR	ALSKA	U	150	-	150
1971 A	IDAHO POWER CO	HELLS CANYON	SNAKE	OREG	12	-	408 000	408 000
1971 B	IDAHO POWER CO	OSBOW	SNAKE	OREG	5	190 000	-	227 500
1971 C	IDAHO POWER CO	BROWNLEE	SNAKE	IDAHO	980	360 400	-	540 600
1975	IDAHO POWER CO	ELISS	SNAKE	IDAHO	U	75 000	-	100 000
1979	WISCONSIN PUB SERV CORP	ALEXANDER	WISCONSIN	WIS	U	4 200	-	4 200
1980	WISCONSIN MICHIGAN PWR CO	BIG QUINNESEC	MENOMINEE	MICH	U	16 000	-	24 000
1980	WISCONSIN MICHIGAN PWR CO	QUINNESEC FALLS	MENOMINEE	MICH	U	3 330	-	3 330
1981	OCONTO ELECTRIC COOP	STILES	OCONTO	WIS	NA	1 000	-	1 300
1982	NORTHERN STS PWR CO	HOLCOMBE	CHIPPEWA	WIS	34	33 750	-	33 750
1984 A	WISCONSIN RIVER POWER CO	CASTLE ROCK	WISCONSIN	WIS	77	15 000	-	15 000
1984 B	WISCONSIN RIVER POWER CO	PETENWELL	WISCONSIN	WIS	98	20 000	-	20 000
1986	CALIF PACIFIC UTIL CO	ROCK CREEK	ROCK CR	OREG	NA	800	-	800
1987	CALIF PACIFIC UTIL CO	FREMONT	LOST CR	OREG	NA	1 100	-	1 100
1988 A	PACIFIC GAS AND ELEC CO	KINGS RIVER	N FK KINGS	CALIF	U	44 100	-	44 100
1988 B	PACIFIC GAS AND ELEC CO	HAS	N FK KINGS	CALIF	125	135 000	-	135 000
1989	WISCONSIN PUB SERV CORP	MERRILL	WISCONSIN	WIS	U	840	-	840
1991	ONRIERS FERRY VILLAGE OF	MOYIE NO 2	MOYIE	IDAHO	NA	2 000	-	2 000
1991	BONNERS FERRY VILLAGE OF	MOYIE NO 1	MOYIE	IDAHO	NA	380	-	380
1994	HEBER LIGHT AND PWR PLANT	SNAKE CREEK	SNAKE CR	UTAH	NA	800	-	800
1999	WISCONSIN PUB SERV CORP	WAUSAU WEST	WISCONSIN	WIS	NA	5 400	-	5 400
2000	PWR AUTH STATE OF N Y	ROBERT MOSES	ST LAWRENCE	N Y	30	912 000	-	912 000
2004	HOLYOKE WATER POWER CO	HADLEY FALLS	CONNECTICUT	MASS	7	15 000	-	60 000
2004	HOLYOKE WATER POWER CO	RIVERSIDE STATION	CONNECTICUT CAN	MASS	U	7 640	-	7 640
2004	HOLYOKE WATER POWER CO	BEEBEE HOLEROOK	CONNECTICUT CAN	MASS	U	516	-	516
2004	HOLYOKE WATER POWER CO	BOATLOCK STATION	CONNECTICUT CAN	MASS	U	2 900	-	2 900
2005	OAKDALE S S JOAQUIN I D	BEARDSLEY	N FK STANISLAUS	CALIF	78	9 990	-	9 990
2005	OAKDALE S S JOAQUIN I D	DONNELLS	N FK STANISLAUS	CALIF	62	54 000	-	54 000
2009 A	VIRGINIA EL AND PWR CO	ROANOKE RAPIDS	ROANOKE	N C	38	100 080	-	100 080

TABLE 11 (Contd) - HYDROELECTRIC PLANTS UNDER FPC LICENSE

PRO- JECT NO.	LICENSEE	PLANT	RIVER	STATE	USABLE POWER 7/ STORAGE 1,000 AC-FT	INSTALLED CAPACITY - KILOWATTS 3/		
						CONSTRUCTED	UNDER CONSTRUCTION	ULTIMATE
2009 B	VIRGINIA EL AND PWR CO	GASTON	ROANOKE	N C	20	177 900	-	177 900
2016 A	TACOMA CITY OF	MASSFIELD	COWLITZ	WASH	21	120 000	-	160 000
2016 B	TACOMA CITY OF	MOSSY ROCK	COWLITZ	WASH	824	-	300 000	300 000
2017	SOUTHERN CALIF EDISON CO	BIG CREEK NO 4	SAN JUAQUIN	CALIF	26	84 000	-	84 000
2019	PACIFIC GAS AND ELEC CO	MURPHYS	N FK STANISLAUS DIV	CALIF	U	3 600	-	3 600
2030 A	PORTLAND GENERAL ELEC CO	PELTON	DESCHUTES	OREG	U	108 000	-	108 000
2030 B	PORTLAND GENERAL ELEC CO	ROUND BUTTE	DESCHUTES	OREG	250	-	247 050	247 050
2032	LOWER VAL PWR AND LT CO	STRAWBERRY	STRAWBERRY CR	WYO	U	1 500	-	1 500
2035	DENVER CITY AND COUNTY	GROSS DAM	SOUTH BOULDER CR	COLO	NA	-	-	7 875
2042	PEND OREILLE PUD NO 1	BOX CANYON	PEND OREILLE	WASH	10	60 000	-	60 000
2047	NIAGARA MOHAWK PWR CORP	STEWARTS BRIDGE	SACANDAGA	N Y	U	30 000	-	30 000
2053	FALL RIVER POWER CO	FALL RIVER	FALL	COLO	U	600	-	600
2055	IDAHO POWER CO	C J STRIKE	SNAKE	IDAHO	35	82 800	-	82 800
2056	NORTHERN STATES PWR CO	LOWER DAM	MISSISSIPPI	MINN	U	8 000	-	8 000
2056	NORTHERN STATES PWR CO	HENNEPIN ISLAND	MISSISSIPPI	MINN	U	12 400	-	12 400
2056	NORTHERN STATES PWR CO	MAIN STREET	MISSISSIPPI	MINN	NA	960	-	960
2058	WASHINGTON WTR PWR CO THE	CABINET GORGE	CLARK FORK	IDAHO	43	200 000	-	200 000
2061	IDAHO POWER CO	LOWER SALMON	SNAKE	IDAHO	U	60 000	-	75 000
2064	NORTH CENTRAL PWR CO	WINTER	E FK CHIPPEWA	WIS	U	650	-	650
2067	OAKDALE S S JOAQUIN I D	TULLOCH	STANISLAUS	CALIF	56	17 100	-	17 100
2069	ARIZ PUBLIC SERVICE CO	CHILDS	FOSSIL CR DIV	ARIZ	NA	5 400	-	5 400
2069	ARIZ PUBLIC SERVICE CO	IRVING	FOSSIL CR	ARIZ	U	1 600	-	1 600
2071	PACIFIC PWR AND LT CO	YALE	LEWIS	WASH	190	108 000	-	216 000
2072	WISCONSIN MICHIGAN PWR CO	LOWER PAINT	PAINT	MICH	U	100	-	100
2073	WISCONSIN MICHIGAN PWR CO	MICHIGAMME FALLS	MICHIGAMME	MICH	U	9 600	-	9 600
2074	WISCONSIN MICHIGAN PWR CO	HEMLOCK FALLS	MICHIGAMME	MICH	U	2 800	-	2 800
2075	WASHINGTON WTR PWR CO THE	NOXON RAPIDS	CLARK FORK	MONT	334	282 800	-	353 600
2077 A	NEW ENGLAND POWER CO	MCINDOES	CONNECTICUT	N H	5	10 560	-	10 560
2077 B	NEW ENGLAND POWER CO	CONERFORD	CONNECTICUT	N H	29	140 400	-	140 400
2077 C	NEW ENGLAND POWER CO	MOORE S C	CONNECTICUT	N H	114	140 400	-	140 400
2079	PLACER CO WTR AGENCY	OXBOW	M FK AMERICAN	CALIF	U	-	6 000	6 000
2079 A	PLACER CO WTR AGENCY	RALSTON	M FK AMERICAN DIV	CALIF	U	-	79 200	79 200
2079 B	PLACER CO WTR AGENCY	MIDDLE FORK	RUBICON DIV	CALIF	203	-	109 800	109 800
2079 C	PLACER CO WTR AGENCY	FRENCH MEADOWS	M FK AMERICAN DIV	CALIF	125	-	15 300	15 300
2082 A	PACIFIC PWR AND LT CO	IRON GATE	KLAMATH	CALIF	19	18 000	-	18 000
2082 B	PACIFIC PWR AND LT CO	COPCO NO 2	KLAMATH	CALIF	6	27 000	-	27 000
2082 C	PACIFIC PWR AND LT CO	COPCO NO 1	KLAMATH	CALIF	6	20 000	-	20 000
2082 D	PACIFIC PWR AND LT CO	JOHN C BOYLE	KLAMATH	UREG	U	79 990	-	79 990
2082	PACIFIC PWR AND LT CO	WEST SIDE	KLAMATH	UREG	88	600	-	600
2082	PACIFIC PWR AND LT CO	EAST SIDE	LINK	UREG	438	3 200	-	3 200
2084 A	NIAGARA MOHAWK PWR CORP	SOUTH COLTON	RAQUETTE	N Y	U	19 350	-	19 350
2084 B	NIAGARA MOHAWK PWR CORP	FIVE FALLS	RAQUETTE	N Y	U	22 500	-	22 500
2084 C	NIAGARA MOHAWK PWR CORP	RAINBOW FALLS	RAQUETTE	N Y	10	22 500	-	22 500
2084 D	NIAGARA MOHAWK PWR CORP	BLAKE FALLS	RAQUETTE	N Y	U	14 400	-	14 400
2084 E	NIAGARA MOHAWK PWR CORP	STARK	RAQUETTE	N Y	11	22 500	-	22 500
2085	SOUTHERN CALIF EDISON CO	MAMMOTH POOL	SAN JUAQUIN	CALIF	120	129 360	-	129 360
2088	OROVILLE WYANDOTTE I D S	KELLY RIDGE	S FK FEATHER	CALIF	U	9 900	-	9 900
2088 A	OROVILLE WYANDOTTE I D S	FORBESTOWN	S FK FEATHER	CALIF	U	28 800	-	28 800
2088 B	OROVILLE WYANDOTTE I D S	WOODLEAF	S FK FEATHER	CALIF	U	52 200	-	52 200
2089	MINNKOTA PWR COOP INC	BIG FALLS	BIG FORK	MINN	NA	600	-	600
2090	GREEN MOUNTAIN POWER CORP	WATERBURY NO 22	WATERBURY	VT	36	5 500	-	5 500
2095	INTERNATIONAL PAPER CO	YORK HAVEN	SUSQUEHANNA	PA	NA	2 500	-	2 500
2100	CALIF DEPT OF WTR RES	OROVILLE	FEATHER	CALIF	1977	-	351 000	702 000
2101 A	SACRAMENTO M U D	WHITE ROCK	S FK AMERICAN	CALIF	U	-	150 000	150 000
2101 B	SACRAMENTO M U D	CAMINO	SILVER CREEK DIV	CALIF	U	71 250	-	142 500
2101 C	SACRAMENTO M U D	JAYBIRD	SILVER CR	CALIF	U	133 000	-	133 000
2101 D	SACRAMENTO M U D	UNION VALLEY	SILVER CR	CALIF	265	-	33 250	33 250
2102 A	WARRIOR R ELEC COOP ASSN	SMITHS FORD	LOCUST FK	ALA	508	-	57 600	115 200
2102 B	WARRIOR R ELEC COOP ASSN	UPPER	LOCUST FK	ALA	393	-	-	20 000
2105 A	PACIFIC GAS AND ELEC CO	BELDEN	N FK FEATHER	CALIF	U	-	-	117 000
2105 B	PACIFIC GAS AND ELEC CO	CARIBOU NO 1 & 2	N FK FEATHER	CALIF	35	184 800	-	184 800
2105 C	PACIFIC GAS AND ELEC CO	BUTT VALLEY	BUTT CREEK	CALIF	638	36 000	-	36 000
2106 A	PACIFIC GAS AND ELEC CO	PIT NO 7	PIT	CALIF	16	-	104 400	104 400
2106 B	PACIFIC GAS AND ELEC CO	PIT NO 6	PIT	CALIF	12	-	79 200	79 200
2106 C	PACIFIC GAS AND ELEC CO	MCCLOUD-PIT	MCCLOUD DIV	CALIF	23	-	154 800	154 800
2107	PACIFIC GAS AND ELEC CO	POE	N FK FEATHER	CALIF	U	124 200	-	124 200
2110	CONSOLIDATED WATER PWR CO	STEVENS POINT	WISCONSIN	WIS	8	3 840	-	3 840
2111	PACIFIC PWR AND LT CO	SWIFT NO 1	LEWIS	WASH	447	204 000	-	204 000
2114 A	GRANT COUNTY PUD NO 2	PRIEST RAPIDS	COLUMBIA	WASH	44	788 500	-	1 661 600
2114 B	GRANT COUNTY PUD NO 2	WANAPUM	COLUMBIA	WASH	144	748 125	83 125	1 330 000
2130 A	PACIFIC GAS AND ELEC CO	MELONES	STANISLAUS	CALIF	102	24 300	-	5/
2130 B	PACIFIC GAS AND ELEC CO	STANISLAUS	M FK STANISLAUS	CALIF	U	81 900	-	81 900
2130	PACIFIC GAS AND ELEC CO	SPRING GAP	S FK STANISLAUS DIV	CALIF	U	6 000	-	6 000
2131	WISCONSIN MICHIGAN PWR CO	KINGSFORD	MENOMINEE	MICH	U	7 200	-	7 200
2140	PUBLIC SERVICE CO OF N H	GARVINS FALLS	MERRINACK	N H	U	7 200	-	20 700

TABLE 11 (Contd) - HYDROELECTRIC PLANTS UNDER FPC LICENSE

PRO- JECT NO.	LICENSEE	PLANT	RIVER	STATE	USABLE POWER 2/ STORAGE 1,000 AC-FT	INSTALLED CAPACITY - KILOWATTS 3/		
						CONSTRUCTED	UNDER CONSTRUCTION	ULTIMATE
2142	CENTRAL MAINE POWER CO	HARRIS	KENNEBEC	MAINE	20	75 000	-	75 000
2144	SEATTLE DEPT OF LIGHTING	BOUNDARY	PEND OREILLE	WASH	42	-	551 000	820 500
2145	CHELAN COUNTY PUD NO 1	ROCKY REACH	COLUMBIA	WASH	37	711 550	-	1 118 150
2146 A	ALABAMA POWER CO	JORDAN NO 2	COOSA	ALA	55	-	150 000	425 000
2146 B	ALABAMA POWER CO	LAY DAM	COOSA	ALA	37	64 800	-	160 800
2146 C	ALABAMA POWER CO	LOGAN MARTIN	COOSA	ALA	74	-	128 250	128 250
2146 D	ALABAMA POWER CO	LOCK NO 3	COOSA	ALA	U	-	72 500	72 500
2146 E	ALABAMA POWER CO	WEISS	COOSA	ALA	212	87 750	-	87 750
2149	DOUGLAS CNTY PUD NO 1	WELLS	COLUMBIA	WASH	58	-	541 975	705 850
2150 A	PUGET SOUND PWR AND LT CO	LOWER BAKER	BAKER	WASH	142	103 500	-	103 500
2150 B	PUGET SOUND PWR AND LT CO	UPPER BAKER	BAKER	WASH	221	94 400	-	94 400
2155	SACRAMENTO MUD P G & E	CHILI BAR	S FK AMERICAN	CALIF	U	-	7 000	7 000
2157 A	SNOMISH CNTY PUD NO 1	LOWER SULTAN	SULTAN	WASH	5	-	-	24 000
2157 B	SNOMISH CNTY PUD NO 1	MIDDLE SULTAN	SULTAN	WASH	U	-	-	24 000
2157 C	SNOMISH CNTY PUD NO 1	UPPER SULTAN	SULTAN	WASH	97	-	-	84 000
2161	ST REGIS PAPER CO	RHINELANDER	WISCONSIN	WIS	NA	2 120	-	2 120
2165 A	ALABAMA POWER CO	JOHN H BANKHEAD	BLACK WARRIOR	ALA	46	45 125	-	42 125
2169 A	TAPOCO INC	LEWIS SMITH	SIPSEY FK	ALA	394	157 500	-	157 500
2169 B	TAPOCO INC	CHILHOWEE	LITTLE TENNESSEE	TENN	7	50 000	-	50 000
2169 B	TAPOCO INC	CALDERWOOD	LITTLE TENNESSEE	TENN	U	121 500	-	121 500
2169 C	TAPOCO INC	CHEOAH	LITTLE TENNESSEE	N C	U	110 000	-	110 000
2170	TAPOCO INC	SANTEETLAH	CHEOAH	N C	123	45 000	-	45 000
2170	CHUGACH ELEC ASSN INC	COOPER LAKE	COOPER CR	ALSKA	82	15 000	-	15 000
2174	SOUTHERN CALIF EDISON CO	PORTAL	BIG CR	CALIF	U	10 000	-	10 000
2175 A	SOUTHERN CALIF EDISON CO	BIG CREEK NO 2	BIG CR	CALIF	U	57 750	-	57 750
2175 B	SOUTHERN CALIF EDISON CO	BIG CREEK NO 1	BIG CR	CALIF	89	67 000	-	67 000
2177 A	GEORGIA POWER CO	N HIGHLANDS RDV	CHATTANOOCHEE	GA	NA	29 600	-	29 600
2177 B	GEORGIA POWER CO	OLIVER	CHATTANOOCHEE	GA	6	60 000	-	60 000
2177 C	GEORGIA POWER CO	GOAT ROCK	CHATTANOOCHEE	GA	U	26 000	-	26 000
2180	OWENS-ILLINOIS GLASS CO	GRANDMOTHER	WISCONSIN	WIS	NA	3 000	-	3 000
2181	NORTHERN STS PWR CO WISC	MENOMINEE	RED CEDAR	WIS	U	5 400	-	5 400
2183	GRAND RIVER DAM AUTHORITY	MARKHAM FERRY	GRAND	OKLA	200	-	110 000	110 000
2185 A	MONTANA POWER CO THE	MORONY	MISSOURI	MONT	8	45 000	-	45 000
2188 B	MONTANA POWER CO THE	RYAN	MISSOURI	MONT	U	48 000	-	48 000
2188 C	MONTANA POWER CO THE	COCHRANE	MISSOURI	MONT	U	48 000	-	60 000
2188 D	MONTANA POWER CO THE	RAINBOW	MISSOURI	MONT	U	35 600	-	35 600
2188 E	MONTANA POWER CO THE	BLACK EAGLE	MISSOURI	MONT	U	16 800	-	16 800
2188 F	MONTANA POWER CO THE	HOLTER	MISSOURI	MONT	82	38 400	-	38 400
2188 G	MONTANA POWER CO THE	HAUSER LAKE	MISSOURI	MONT	62	17 000	-	17 000
2188	MONTANA POWER CO THE	MADISON NO 2	MADISON	MONT	39	9 000	-	9 000
2192	CONSOLIDATED WATER PWR CO	BIRON NO 2	WISCONSIN	WIS	5	3 300	-	3 300
2194	CENTRAL MAINE POWER CO	BAR MILLS	SACO	MAINE	NA	4 000	-	4 000
2195	PORTLAND GENERAL ELEC CO	NORTH FORK	CLACKAMUS	OREG	6	36 400	-	36 400
2197 A	YADKIN INC	YADKIN FALLS	YADKIN	N C	U	29 500	-	29 500
2197 B	YADKIN INC	YADKIN NARROWS	YADKIN	N C	129	47 000	49 500	96 500
2197 C	YADKIN INC	TUCKERTOWN	YADKIN	N C	7	42 000	-	42 000
2197 D	YADKIN INC	HIGH ROCK	YADKIN	N C	235	33 000	-	33 000
2198	SOUTHERN CALIF EDISON CO	SANTA ANA NO 3	SANTA ANA	CALIF	U	1 200	-	1 200
2206 A	CAROLINA POWER AND LT CO	BLEWETT FALLS	PEE DLE	N C	38	24 000	-	24 000
2206 B	CAROLINA POWER AND LT CO	TILLERY	YADKIN	N C	88	84 000	-	84 000
2207	MOSINEE PAPER MILLS CO	MOSINEE	WISCONSIN	WIS	NA	3 400	-	3 400
2210 A	APPALACHIAN PWR CO	LEESVILLE	ROANOKE & PIUG	VA	20	-	40 000	40 000
2210 B	APPALACHIAN PWR CO	SMITH MOUNTAIN	ROANKE	VA	700	-	200 200	450 300
2211	PUBLIC SERVICE CO OF IND	MARKLAND	OHIO	IND	17	-	81 000	81 000
2212	AMERICAN CAN CO	ROTHSCHILD	WISCONSIN	WIS	NA	4 225	-	4 225
2213	COWLITZ COUNTY PUD NO 1	SWIFT NO 2	LEWIS	WASH	NA	70 000	-	70 000
2216	PWR AUTH STATE OF N Y	NIAGARA	NIAGARA	N Y	60	1 953 900	-	1 953 900
2219	GARKANE POWER ASSN INC	BOULDER CREEK	BOULDER CR	UTAH	NA	4 125	-	4 125
2221	EMPIRE DISTRICT ELEC CO	OZARK BEACH	WHITE	MO	9	16 000	-	24 000
2230	SITKA CITY OF	BLUE LAKE	MEDVETCHA	ALSKA	113	6 000	-	7 000
2232 A	DUKE POWER CO	WATEREE	WATEREE	S C	175	56 000	-	56 000
2232 B	DUKE POWER CO	ROCKY CREEK	CATAWBA	S C	U	28 000	-	34 000
2232 C	DUKE POWER CO	CEDAR CREEK	CATAWBA	S C	U	45 000	-	45 000
2232 D	DUKE POWER CO	DEARBORN	CATAWBA	S C	U	45 000	-	45 000
2232 E	DUKE POWER CO	GREAT FALLS	CATAWBA	S C	U	24 000	-	24 000
2232 F	DUKE POWER CO	FISHING CREEK	CATAWBA	S C	37	36 720	-	36 720
2232 G	DUKE POWER CO	WYLIE	CATAWBA	S C	150	60 000	-	60 000
2232 H	DUKE POWER CO	MOUNTAIN ISLAND	CATAWBA	N C	20	60 000	-	60 000
2232 I	DUKE POWER CO	COWANS FORD	CATAWBA	N C	415	462 500	-	350 000
2232 J	DUKE POWER CO	LOOKOUT SHOALS	CATAWBA	N C	U	18 720	-	18 720
2232 K	DUKE POWER CO	OXFORD	CATAWBA	N C	52	36 000	-	36 000
2232 L	DUKE POWER CO	RHODISS	CATAWBA	N C	39	25 500	-	25 500
2232 M	DUKE POWER CO	BRIDGEWATER	CATAWBA	N C	289	20 000	-	20 000
2233	PORTLAND GEN EL CO ET AL	WILLAMETTE FLS 3	WILLAMETTE	OREG	NA	1 860	-	1 860
2233 A	PORTLAND GEN EL CO ET AL	WILLAMETTE FLS 2	WILLAMETTE	OREG	NA	15 900	-	23 900

TABLE 11 (Contd) - HYDROELECTRIC PLANTS UNDER FPC LICENSE

PRO- JECT NO.	LICENSEE	PLANT	RIVER	STATE	USABLE POWER 2/ STORAGE 1,000 AC-FT	INSTALLED CAPACITY - KILOWATTS 3/		
						CONSTRUCTED	UNDER CONSTRUCTION	ULTIMATE
2233 B	PORTLAND GEN EL CO ET AL	WILLAMETTE FLS 1	WILLAMETTE	OREG	NA	15 400	-	15 400
2237	GEORGIA POWER CO	MORGAN FALLS	CHATTAHOOCHIE	GA	U	16 800	-	16 800
2239	TOMAHAWK PWR CO	KINGS DAM	WISCONSIN	WIS	NA	230	-	230
2242 A	EUGENE CITY OF	TRAIL BRIDGE	MCKENZIE SMITH	OREG	U	10 000	-	10 000
2242 B	EUGENE CITY OF	CARMEN	MCKENZIE	OREG	11	80 000	-	80 000
2244	WASHINGTON PULP PWR SU SYS	PACKWOOD LAKE	HALL CR	WASH	U	-	26 125	26 125
2251	SAN JUAN FISHING & PKG CO	SAN JUAN	SAN JUAN LAKE	ALASKA	NA	100	-	100
2255	NEKOOSA EDWARDS PAPER CO	CENTRALIA	WISCONSIN	WIS	NA	3 200	-	4 000
2256	CONSOLIDATED WATER PWR CO	WISCONSIN RAPIDS	WISCONSIN	WIS	U	4 160	-	4 160
2264	CHATANIKA PWR CO INC	CHATANIKA	CHATANIKA TANANA	ALASKA	NA	5 625	-	5 625
2266 A	NEVADA IRRIGATION DIST	DUTCH FLAT NO 2	BEAR	CALIF	U	-	22 800	22 800
2266 B	NEVADA IRRIGATION DIST	CHICAGO PARK	BEAR	CALIF	U	-	36 300	36 300
2267	ALASKA LMR PULP CO INC	PULP MILL	MEDVETCHA	ALASKA	NA	900	-	900
2283	CENTRAL MAINE POWER CO	DEER RIPS	ANDROSCOGGIN	MAINE	U	6 540	-	6 540
2283	CENTRAL MAINE POWER CO	ANDROSCOGGIN NO 3	ANDROSCOGGIN	MAINE	U	3 600	-	3 600
2283	CENTRAL MAINE POWER CO	GULF ISLAND	ANDROSCOGGIN	MAINE	5	19 200	-	19 200
2284	CENTRAL MAINE POWER CO	BRUNSWICK	ANDROSCOGGIN	MAINE	U	1 475	-	1 475
2284	CENTRAL MAINE POWER CO	TOPSHAM	ANDROSCOGGIN	MAINE	U	900	-	900
2291	NEKOOSA EDWARDS PAPER CO	PORT EDWARDS	WISCONSIN	WIS	NA	2 920	-	2 920
2292	NEKOOSA EDWARDS PAPER CO	NEKOOSA	WISCONSIN	WIS	NA	3 600	-	3 600
2304	PHILIPS DODGE CORP	BLUE RIDGE	EAST CLEAR CR	ARIZ	NA	-	2 800	2 800
2305	SAGINAW R AUTH LA & TLX	TOLEDO BEND	SABINE	TEXAS	1594	-	80 750	80 750
2310 A	PACIFIC GAS AND ELEC CO	DRUM NO 1	S FK YUBA DIV	CALIF	U	48 000	-	48 000
2310 B	PACIFIC GAS AND ELEC CO	DRUM NO 2	S FK YUBA DIV	CALIF	U	-	44 100	44 100
2310	PACIFIC GAS AND ELEC CO	DEER CREEK	DEER CR	CALIF	U	5 500	-	5 500
2310	PACIFIC GAS AND ELEC CO	SPAULDING NO 2	S FK YUBA	CALIF	24	3 710	-	3 710
2310	PACIFIC GAS AND ELEC CO	SPAULDING NO 1	S FK YUBA	CALIF	50	6 400	-	6 400
2310	PACIFIC GAS AND ELEC CO	SPAULDING NO 3	S FK YUBA	CALIF	U	6 300	-	6 300
2323	NEW ENGLAND POWER CO	DEERFIELD NO 2	DEERFIELD	MASS	U	4 800	-	4 800
2323	NEW ENGLAND POWER CO	DEERFIELD NO 3	DEERFIELD	MASS	U	4 800	-	4 800
2323	NEW ENGLAND POWER CO	DEERFIELD NO 4	DEERFIELD	MASS	U	4 800	-	4 800
2323 A	NEW ENGLAND POWER CO	DEERFIELD NO 5	DEERFIELD	MASS	U	15 000	-	15 000
2323	NEW ENGLAND POWER CO	SHERMAN	DEERFIELD	MASS	U	7 200	-	7 200
2323 A	NEW ENGLAND POWER CO	HARRIMAN	DEERFIELD	VT	116	33 600	-	33 600
2323	NEW ENGLAND POWER CO	SEARSBURG	DEERFIELD	VT	U	4 000	-	4 000
2328	KETCHIKAN CITY OF	LAKE WHITMAN	CASE CR	ALASKA	33	-	-	4 050
TOTAL						17 739 813	4 645 905	27 237 234

1/ INCLUDES ALL LICENSED CONVENTIONAL HYDROELECTRIC PLANTS OVER 100 KILOWATTS. CONSTRUCTED CAPACITIES OBTAINED FROM ANNUAL POWER SYSTEM STATEMENTS (FORM 12 REPORTS). CAPACITIES FOR UNDEVELOPED PLANTS TAKEN FROM LICENSED PROJECTS INSTRUMENTS OR APPLICATIONS FILED.

PLANTS WITH ULTIMATE INSTALLATIONS OF 10,000 KILOWATTS AND OVER ARE IDENTIFIED ON MAP 1 BY PROJECT NUMBER. WHERE MORE THAN ONE PLANT IS INCLUDED IN THE SAME PROJECT NUMBER, THE PLANTS ARE DESIGNATED BY LETTERS (A, B, C, ETC.) PROCEEDING UPSTREAM.

2/ USABLE POWER STORAGE CAPACITY.
U - LESS THAN 5,000 ACRE-FEET,
NA - DATA NOT AVAILABLE.

3/ CAPACITIES LISTED INCLUDE MAIN GENERATING UNITS ONLY. SEVERAL PLANTS ALSO HAVE AUXILIARY GENERATING CAPACITY. SEE TABLE 6, PAGE 60.

4/ THIS PLANT TO BE REDEVELOPED BY ANOTHER LICENSED PROJECT.

5/ THIS PLANT TO BE REDEVELOPED BY AN AUTHORIZED FEDERAL PROJECT.

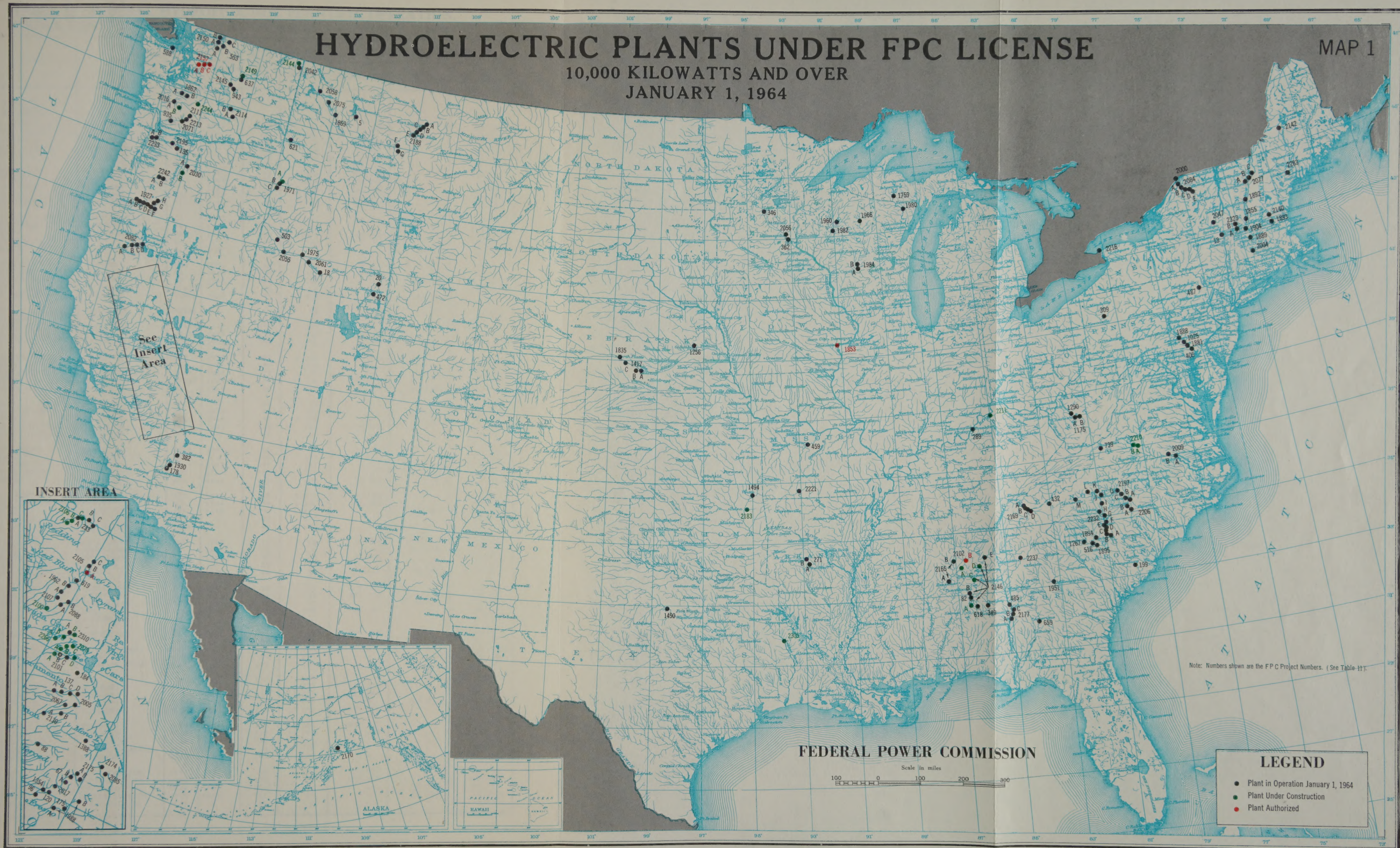
* PLANT LOCATED IN TWO STATES. INSTALLED CAPACITY DIVIDED BETWEEN STATES AS SHOWN. USABLE POWER STORAGE CAPACITY AND GROSS STATIC HEAD SHOWN ARE THE TOTAL FOR THE SITE.

HYDROELECTRIC PLANTS UNDER FPC LICENSE

10,000 KILOWATTS AND OVER

JANUARY 1, 1964

MAP 1



**TABLE 12 - FEDERAL HYDROELECTRIC PLANTS IN OPERATION,
UNDER CONSTRUCTION, AND AUTHORIZED - JANUARY 1, 1964**

LOCATION NO. MAP 2	PLANT	RIVER	STATE	YEAR OF INITIAL OPERATION	GROSS STATIC HEAD FT.	USABLE POWER 1/ STORAGE 1,000 AC-FT	INSTALLED CAPACITY - KILOWATTS 2/		
							CONSTRUCTED	UNDER CONSTRUCTION	ULTIMATE AUTHORIZED
	<u>CORPS OF ENGINEERS</u>								
1	ST MARYS FALLS	ST MARYS	MICH	1951	23	NA	18 400	-	18 400
2	TOOKS ISLAND	DELAWARE	N J	-	107	410	-	-	46 000
3	DALECARLIA	POTOMAC R CANAL	D C	1927	140	U	3 000	-	3 000
4	SALEM CHURCH	RAPPAHANNOCK	VA	-	156	330	-	-	66 000
5	GATHRIGHT	JACKSON	VA	-	245	264	-	-	34 000
6	JOHN H KERR	ROANOKE	VA	1952	92	1 046	204 000	-	204 000
7	PHILPOTT	SMITH	VA	1953	162	111	14 000	-	14 000
8	CLARK HILL	SAVANNAH	S C	1953	152	1 045	280 000	-	280 000
9	HARTWELL	SAVANNAH	GA	1962	192	1 415	264 000	-	330 000
10	JIM WOODRUFF	APALACHICOLA	FLA	1957	32	36	30 000	-	30 000
11	WALTER F GEORGE	CHATTahoochee	GA	1963	87	207	130 000	-	130 000
12	WEST POINT	CHATTahoochee	GA	1971	69	85	-	-	107 000
13	BUFORD	CHATTahoochee	GA	1957	154	1 045	86 000	-	86 000
14	SPEWRELL BLUFF	FLINT	GA	-	154	322	-	-	100 000
15	MILLERS FERRY	ALABAMA	ALA	1967	49	22	-	76 000	76 000
16	JONES BLUFF	ALABAMA	ALA	1971	45	15	-	-	68 000
17	ALLATOONA	ETOWAH	GA	1950	146	285	74 000	-	110 000
18	CARTERS DAM	COOSAWATTEE	GA	1969	404	156	-	250 000	250 000
19	DAM B	NECHES	TEXAS	-	24	13	-	-	2 935
20	SAM RAYBURN	ANGELINA	TEXAS	1965	72	1 383	-	52 000	52 000
21	DAM A	NECHES	TEXAS	-	13	NA	-	-	2 700
22	ROCKLAND	NECHES	TEXAS	-	61	1 488	-	-	13 500
23	BELTON	LEON	TEXAS	-	110	399	-	-	19 000
24	WHITNEY	BRAZOS	TEXAS	1953	52	132	30 000	-	30 000
28	NARROWS	LITTLE MISSOURI	ARK	1950	145	202	17 000	8 500	25 500
29	BLAKELY MOUNTAIN	OUACHITA	ARK	1955	181	1 286	75 000	-	75 000
30	DEGRAY	CADDO	ARK	1969	188	393	-	40 000	40 000
31	BROKEN BOW	MOUNTAIN FK	OKLA	1969	194	470	-	100 000	100 000
32	DENISON	RED	TEXAS	1945	108	1 730	70 000	-	175 000
33	DARDANELLE	ARKANSAS	ARK	1964	49	70	-	124 000	124 000
34	OZARK	ARKANSAS	ARK	-	33	19	-	-	70 000
35	ROBERT S KERR	ARKANSAS	OKLA	1970	40	80	-	110 000	110 000
36	EUFULA	CANADIAN	OKLA	1964	98	1 481	-	90 000	90 000
37	TENKILLER FERRY	ILLINOIS	OKLA	1953	142	345	34 000	-	34 000
38	WEBBERS FALLS	ARKANSAS	OKLA	-	30	NA	-	-	44 000
39	FORT GIBSON	GRAND	OKLA	1953	60	U	45 000	-	67 500
40	OLOGAH	VERDIGRIS	OKLA	-	68	431	-	-	12 000
41	KEYSTONE	ARKANSAS	OKLA	1967	87	351	-	70 000	70 000
49	GREERS FERRY	LITTLE RED	ARK	1964	185	716	-	96 000	96 000
50	NORFORK	NORTH FORK	ARK	1944	175	448	70 000	-	140 000
51	BULL SHOALS	WHITE	ARK	1952	197	1 093	340 000	-	340 000
52	TABLE ROCK	WHITE	MO	1959	204	1 182	200 000	-	200 000
53	BEAVER	WHITE	ARK	1965	100	925	-	112 000	112 000
54	JOANNA 3/	SALT	MO	-	107	437	-	-	27 000
55	RED ROCK	DES MOINES	IOWA	-	53	400	-	-	17 200
56	ROCK ISLAND	MISSISSIPPI	ILL	1919	16	NA	2 752	-	12 752
86	BARKLEY	CUMBERLAND	KY	1965	52	U	-	130 000	130 000
87	CHEATHAM	CUMBERLAND	TENN	1959	31	20	36 000	-	36 000
88	THREE ISLANDS	HARPETH	TENN	-	89	152	-	-	18 000
89	J PERCY PRIEST	STONES	TENN	1968	98	34	-	28 000	28 000
90	OLD HICKORY	CUMBERLAND	TENN	1957	60	63	100 000	-	100 000
91	CENTER HILL	CANEY FORK	TENN	1950	176	492	135 000	-	135 000
93	CORDELL HULL	CUMBERLAND	TENN	1969	55	32	-	92 000	92 000
94	DALE HOLLOW	OBEY	TENN	1948	151	496	54 000	-	54 000
95	CELINA	CUMBERLAND	KY	-	50	10	-	-	69 000
96	WOLF CREEK	CUMBERLAND	KY	1951	173	2 142	270 000	-	270 000
97	LAUREL	LAUREL	KY	-	258	195	-	-	50 000
98	BOONEVILLE	S FK KENTUCKY	KY	-	140	258	-	-	7 300
99	KAYSINGER BLUFF	OSAGE	MO	-	79	637	-	-	76 400
100	POMME DE TERRE	POMME DE TERRE	MO	-	117	165	-	-	16 800
101	STOCKTON	SAC	MO	1969	112	643	-	45 200	45 200
113	GAVINS POINT	MISSOURI	NEBR	1956	51	320	100 000	-	100 000
114	FORT RANDALL	MISSOURI	S DAK	1954	138	3 700	320 000	-	320 000
115	BIG BEND	MISSOURI	S DAK	1964	78	260	-	468 000	468 000
116	OAHE	MISSOURI	S DAK	1962	205	17 000	595 000	-	595 000
118	GARRISON	MISSOURI	N DAK	1956	174	18 000	400 000	-	400 000
131	FORT PECK	MISSOURI	MONT	1943	213	13 900	165 000	-	165 000
143	BRADLEY LAKE	BRADLEY DR	ALSKA	-	1 146	311	-	-	63 900
144	SNETTISHAM	CRATER L LONG L	ALSKA	-	1 20	270	-	-	60 000
146	WYNOOCHEE	WYNOOCHEE	WASH	-	280	123	-	-	66 000
147	BIG CLIFF RRG	NORTH SANTIAM	OREG	1954	95	U	18 000	-	18 000
148	DETROIT	NORTH SANTIAM	OREG	1953	371	40	100 000	-	100 000
149	FOSTER RRG	SOUTH SANTIAM	OREG	1968	116	U	-	20 000	20 000
150	GREEN PETER	MIDDLE SANTIAM	OREG	1967	322	63	-	80 000	80 000
151	STRUBE RRG	S FK MCKENZIE	OREG	-	64	U	-	-	4 500

TABLE 12 (Contd) - FEDERAL HYDROELECTRIC PLANTS

LOCATION NO. MAP 2	PLANT	RIVER	STATE	YEAR OF INITIAL OPERATION	GROSS STATIC HEAD FT.	USABLE POWER 1/ STORAGE 1,000 AC-FT	INSTALLED CAPACITY - KILOWATTS 2/		
							CONSTRUCTED	UNDER CONSTRUCTION	ULTIMATE AUTHORIZED
	<u>CORPS OF ENGINEERS CONTINUED</u>								
152	CONGAR	S FK MCKENZIE	OREG	1944	448	10	-	25 000	60 000
153	DEXTER RRG	M FK WILLAMETTE	OREG	1955	58	5	15 000	-	15 000
154	LOOKOUT POINT	M FK WILLAMETTE	OREG	1954	233	12	120 000	-	120 000
155	HILLS CREEK	M FK WILLAMETTE	OREG	1962	320	49	30 000	-	30 000
156	BONNEVILLE	COLUMBIA	OREG	1938	67	87	518 400	-	518 400
157	THE DALLES	COLUMBIA	WASH	1957	91	53	1 119 000	-	1 743 000
158	JOHN DAY	COLUMBIA	WASH	1968	113	150	-	1 350 000	2 700 000
159	MCNARY	COLUMBIA	OREG	1953	92	185	980 000	-	1 400 000
160	ICE HARBOR	SNAKE	WASH	1961	103	25	270 000	-	540 000
161	LOWER MONUMENTAL	SNAKE	WASH	1967	103	20	-	405 000	810 000
162	LITTLE GOOSE	SNAKE	WASH	1969	101	49	-	405 000	810 000
163	LOWER GRANITE	SNAKE	WASH	-	105	44	-	-	810 000
164	DWORSHAK	N FK CLEARWATER	IDAHO	1972	630	2 000	-	300 000	600 000
165	ASOTIN	SNAKE	IDAHO	-	108	13	-	-	540 000
176	CHIEF JOSEPH	COLUMBIA	WASH	1955	179	NA	1 024 000	-	1 728 000
178	ALBERT FALLS	PEND OREILLE	IDAHO	1955	29	1 153	42 600	-	42 600
181	LTRY	KOOTENAI	MONT	-	344	4 965	-	-	840 000
183	LOST CREEK	ROGUE	OREG	-	348	315	-	-	52 000
188	TABLE MOUNTAIN	SACRAMENTO	CALIF	-	124	855	-	-	54 000
193	NEW MELONES	STANISLAUS	CALIF	-	583	2 090	-	-	150 000
	TOTAL						8 399 152	4 476 700	21 205 587
	<u>BUREAU OF RECLAMATION</u>								
27	ELEPHANT BUTTE	RIO GRANDE	N MEX	1939	190	1 771	24 300	-	24 300
42	PUEBLO	ARKANSAS	COLO	1974	154	290	-	-	12 000
43	SALIDA	ARKANSAS CANAL	COLO	1969	405	U	-	-	28 000
44	PANCHO	ARKANSAS CANAL	COLO	1969	268	U	-	-	18 500
45	PRINCETON	ARKANSAS CANAL	COLO	1969	281	U	-	-	14 400
46	WAPACO	ARKANSAS CANAL	COLO	1968	495	U	-	-	20 600
47	OTERO	ARKANSAS CANAL	COLO	1968	287	260	-	-	19 800
48	ELBERT	ARKANSAS CANAL	COLO	1969	515	105	-	-	10 600
102	BIG THOMPSON	BIG THOMPSON	COLO	1959	180	NA	4 500	-	4 500
103	FLATIRON 2/	COLO BIG THOM DIV	COLO	1954	1 113	U	63 000	-	63 000
104	POLE HILL	COLO BIG THOM DIV	COLO	1954	835	U	33 250	-	33 250
105	ESTES	COLO BIG THOM DIV	COLO	1950	570	U	45 000	-	45 000
106	MARVUS LAKE	COLO BIG THOM DIV	COLO	1951	215	NA	8 100	-	8 100
107	GUERNSEY	NORTH PLATTE	WYO	1927	86	45	4 800	-	14 800
108	GLENDO	NORTH PLATTE	WYO	1958	133	514	24 000	-	24 000
109	ALCOVA	NORTH PLATTE	WYO	1955	164	190	36 000	-	36 000
110	FREMONT CANYON	NORTH PLATTE	WYO	1960	350	1 116	48 000	-	48 000
111	KORTES	NORTH PLATTE	WYO	1950	204	5	36 000	-	36 000
112	SEMINOLE	NORTH PLATTE	WYO	1939	217	1 012	32 400	-	45 000
117	ANGOSYURA	S FK CHEYENNE	S DAK	1951	113	NA	1 200	-	1 200
119	SHEPIDAN	TONGUE	WYO	-	1 200	24	-	-	25 000
120	YELLOWTAIL	BIGHORN	MONT	1966	463	608	-	250 000	250 000
121	HEART MOUNTAIN	SHOSHONE	WYO	1948	274	190	5 000	-	5 000
122	SHOSHONE	SHOSHONE	WYO	1922	225	1 900	5 600	-	5 600
123	BOYSEN	BIGHORN	WYO	1952	110	758	15 000	-	15 000
124	PILOT BUTTE	WIND	WYO	1925	105	NA	1 600	-	1 600
125	RAID RIDGE	CLARK FK	WYO	-	390	NA	-	-	20 000
126	SUNLIGHT	SUNLIGHT CR	WYO	-	2 20	48	-	-	14 900
127	THIEF CREEK	CLARK FK	WYO	-	1 470	190	-	-	125 200
128	HUNTER MOUNTAIN	CLARK FK	WYO	-	649	127	-	-	14 400
129	ALLENSPUR	YELLOWSTONE	MONT	-	380	1 230	-	-	250 000
130	CANYON FERRY	MISSOURI	MONT	1953	150	1 615	50 000	-	50 000
133	LYON	MADISON	MONT	-	310	NA	-	-	18 000
134	CALVADA	LIT TRUCKEE DIV	CALIF	-	985	125	-	-	26 500
135	WATASHEAMU	E FK CARSON	NEV	1967	236	90	-	-	8 000
136	GATEWAY	WEBER	UTAH	1958	148	NA	4 275	-	4 275
137	WASHSHIP	WEBER	UTAH	1942	142	NA	-	-	1 425
138	DEER CREEK	PROVO	UTAH	1958	142	150	4 950	-	4 950
139	DYNE	DIAMOND CR	UTAH	-	848	NA	-	-	33 000
140	SIXTH WATER	DIAMOND CR	UTAH	-	823	U	-	-	90 000
141	SVAR	DIAMOND CR	UTAH	-	431	700	-	-	10 500
142	EKLUTNA	EKLUTNA	ALASKA	1955	848	150	30 000	-	30 000
166	BLACK CANYON	PAYETTE	IDAHO	1925	93	U	8 000	-	8 000
167	BOISE DIVERSION	BOISE	IDAHO	1912	31	NA	1 500	-	1 500
168	ANDERSON RANCH	S FK BOISE	IDAHO	1950	330	423	27 000	-	40 500

TABLE 12 (Contd) - FEDERAL HYDROELECTRIC PLANTS

LOCATION NO. MAP 2	PLANT	RIVER	STATE	YEAR OF INITIAL OPERATION	GROSS STATIC HEAD FT.	USABLE POWER 1/ STORAGE 1,000 AC-FT	INSTALLED CAPACITY - KILOWATTS 2/		
							CONSTRUCTED	UNDER CONSTRUCTION	ULTIMATE AUTHORIZED
	BUREAU OF RECLAMATION CONTINUED								
169	MINIDOKA	SNAKE	IDAHO	1909	48	95	13 400	-	13 400
170	AMERICAN FALLS	SNAKE	IDAHO	-	107	1 700	-	-	30 000
171	PALISADES	SNAKE	IDAHO	1957	245	1 200	114 000	-	114 000
172	CHANDLER	YAKIMA	WASH	1956	121	NA	12 000	-	12 000
175	ROZA	YAKIMA	WASH	1958	160	NA	11 250	-	11 250
177	GRAND COULEE	COLUMBIA	WASH	1941	343	5 232	1 944 000	-	1 944 000
179	HUMPHRY HORSE	S FK FLATHEAD	MONT	1952	477	2 920	285 000	-	285 000
182	GREEN SPRINGS	EMIGRANT CR	OREG	1960	1 084	U	16 000	-	16 000
184	LEWISTON	TRINITY	CALIF	1964	60	U	350	-	350
185	TRINITY	TRINITY	CALIF	1964	472	2 160	-	100 000	100 000
186	MYRUS	AMERICAN	CALIF	1955	41	U	13 500	-	13 500
187	FOLSOM 4/	AMERICAN	CALIF	1955	340	912	162 000	-	162 000
189	CLEAR CREEK PH	TRINITY R DIV	CALIF	1963	712	U	134 000	-	134 000
190	KESWICK	SACRAMENTO	CALIF	1949	101	24	75 000	-	75 000
191	SHASTA	SACRAMENTO	CALIF	1944	480	3 993	375 000	-	375 000
192	SPRING CREEK PH	CLEAR CREEK DIV	CALIF	1964	646	217	-	150 000	150 000
196	SIPHON DROP	YUMA CANAL	CALIF	1926	15	NA	1 600	-	1 600
197	PARKER	COLORADO	CALIF	1942	78	218	120 000	-	120 000
198	DAVIS	COLORADO	ARIZ	1951	135	1 810	225 000	-	225 000
199	HOOVER 4	COLORADO	ARIZ	1936	530	27 144	667 500	-	667 500
199	HOOVER 4	COLORADO	NEV	1936	530	27 144	672 500	-	672 500
200	GLFN CANYON	COLORADO	ARIZ	1964	570	20 876	-	900 000	900 000
201	FLAMING GORGE	GREEN	UTAH	1963	446	3 516	72 000	36 000	108 000
202	FONTENELLE	GREEN	WYO	1965	117	155	-	10 000	10 000
203	CRYSTAL	GUNNISON	COLO	1969	220	16	-	-	20 000
204	MORROW POINT	GUNNISON	COLO	1967	405	42	-	120 000	120 000
205	BLUE MESA	GUNNISON	COLO	1966	356	743	-	60 000	60 000
206	GRAND VALLEY	COLORADO	COLO	1932	80	NA	3 000	-	3 000
207	LOWER MOLINA	COLBRAN PIPELINE	COLO	1962	1 614	6	4 860	-	4 860
208	UPPER MOLINA	COLBRAN PIPELINE	COLO	1962	2 688	6	8 640	-	8 640
209	GREEN MOUNTAIN	BLUE	COLO	1943	261	147	21 600	-	21 600
	TOTAL						5 467 100	1 626 000	7 941 600
	TENNESSEE VALLEY AUTHORITY								
57	KENTUCKY	TENNESSEE	KY	1944	52	U	160 000	-	160 000
58	PICKWICK LANDING	TENNESSEE	TENN	1938	54	U	216 000	-	216 000
59	WILSON	TENNESSEE	ALA	1925	96	U	598 000	-	630 000
60	WHEELER	TENNESSEE	ALA	1936	46	U	356 400	-	356 400
61	GUITTERSVILLE	TENNESSEE	ALA	1939	43	U	97 200	-	121 500
62	NICKAJACK 5/	TENNESSEE	TENN	1968	41	21	-	-	97 200
63	HALES BAR 5/	TENNESSEE	TENN	1913	41	12	99 700	-	-
64	CHICKAMAUGA	TENNESSEE	TENN	1940	41	U	108 000	-	135 000
65	OCOEE NO 1	OCOEE	TENN	1912	117	33	18 000	-	58 000
66	OCOEE NO 2	OCOEE	TENN	1913	255	U	21 000	-	21 000
67	OCOEE NO 3	OCOEE	TENN	1943	320	U	27 000	-	27 000
68	BLUF RIDGE	TOCCOA	GA	1931	159	183	20 000	-	20 000
69	ADALACHIA	HIVASSEE	TENN	1943	442	36	75 000	-	75 000
70	HIVASSEE 3/	HIVASSEE	N C	1940	244	353	57 600	-	57 600
71	NOTTLEY	NOTTLEY	GA	1956	174	171	15 000	-	15 000
72	CHATUGE	HIVASSEE	N C	1954	126	229	10 000	-	10 000
73	WATTS BAR	TENNESSEE	TENN	1942	66	214	150 000	-	150 000
74	MELTON HILL	CLINCH	TENN	1964	60	26	-	72 000	-
75	NORRIS	CLINCH	TENN	1936	199	1 761	100 800	-	100 800
76	FONTANA	LITTLE TENNESSEE	N C	1945	431	1 136	202 500	-	202 500
77	FORT LOUDOUN	TENNESSEE	TENN	1943	72	79	128 000	-	128 000
79	DOUGLAS	FRENCH BROAD	TENN	1943	133	1 358	112 000	-	112 000
79	NOLICHUCKY	NOLICHUCKY	TENN	1913	72	5	10 640	-	10 640
80	CHEROKEE	HOLSTON	TENN	1942	152	1 412	120 000	-	120 000
81	WILBUR	WATAUGA	TENN	1912	69	U	10 700	-	10 700
82	WATAUGA	WATAUGA	TENN	1949	312	518	50 000	-	50 000
83	FT PATRICK HENRY	S FK HOLSTON	TENN	1953	77	U	36 000	-	36 000
84	ROOPE	S FK HOLSTON	TENN	1953	125	154	75 000	-	75 000
85	SOUTH HOLSTON	S FK HOLSTON	TENN	1951	244	519	35 000	-	35 000
92	GREAT FALLS	CANEY FORK	TENN	1916	156	50	31 860	-	31 860
	TOTAL						2 941 400	72 000	3 134 200

TABLE 12 (Contd) - FEDERAL HYDROELECTRIC PLANTS

LOCATION NO. MAP 2	PLANT	RIVER	STATE	YEAR OF INITIAL OPERATION	GROSS STATIC HEAD FT.	USABLE POWER 1/ STORAGE 1,000 AC-FT	INSTALLED CAPACITY - KILOWATTS 2/		
							CONSTRUCTED	UNDER CONSTRUCTION	ULTIMATE AUTHORIZED
25 26	INTERNATIONAL BOUNDARY AND WATER COMMISSION								
	FALCON	RIO GRANDE	TEXAS	1954	115	2 412	31 500	-	42 000
	AMISTAD	RIO GRANDE	TEXAS	1968	213	3 490	-	-	80 000
	TOTAL						31 500	-	122 000
173 174 180 195	BUREAU OF INDIAN AFFAIRS								
	DROP NO 2	YAKIMA	WASH	1942	30	U	2 000	-	2 000
	DROP NO 3	YAKIMA	WASH	1932	34	U	1 360	-	1 360
	RIG CREEK	RIG CR	MONT	1916	595	U	360	-	360
	COOLIDGE	GILA	ARIZ	1929	204	1 164	10 000	-	10 000
130 145 194	TOTAL						13 720	-	13 720
	NATIONAL PARK SERVICE								
	MAMMOTH	GARDINER	WYO	1933	547	U	600	-	600
145 194	LONGMIRE	PARADISE	WASH	1923	506	U	800	-	800
	YOSEMITE	MERCED	CALIF	1918	356	NA	2 000	-	2 000
	TOTAL						3 400	-	3 400
	GRAND TOTAL						16 856 272	6 174 700	32 420 507

1/ USABLE POWER STORAGE CAPACITY.
U - LESS THAN 5,000 ACRE-FEET.
NA - DATA NOT AVAILABLE.

2/ CAPACITIES LISTED INCLUDE MAIN GENERATING UNITS ONLY.
SEVERAL PLANTS ALSO HAVE AUXILIARY GENERATING CAPACITY.
SEE TABLE 6, PAGE 60.

3/ PLANT ALSO HAS REVERSIBLE GENERATING EQUIPMENT IN ADDITION
TO THAT SHOWN. SEE DISCUSSION OF PUMPED STORAGE PROJECTS IN THE TEXT.

4/ DAM AND RESERVOIR WERE CONSTRUCTED BY THE CORPS OF ENGINEERS.

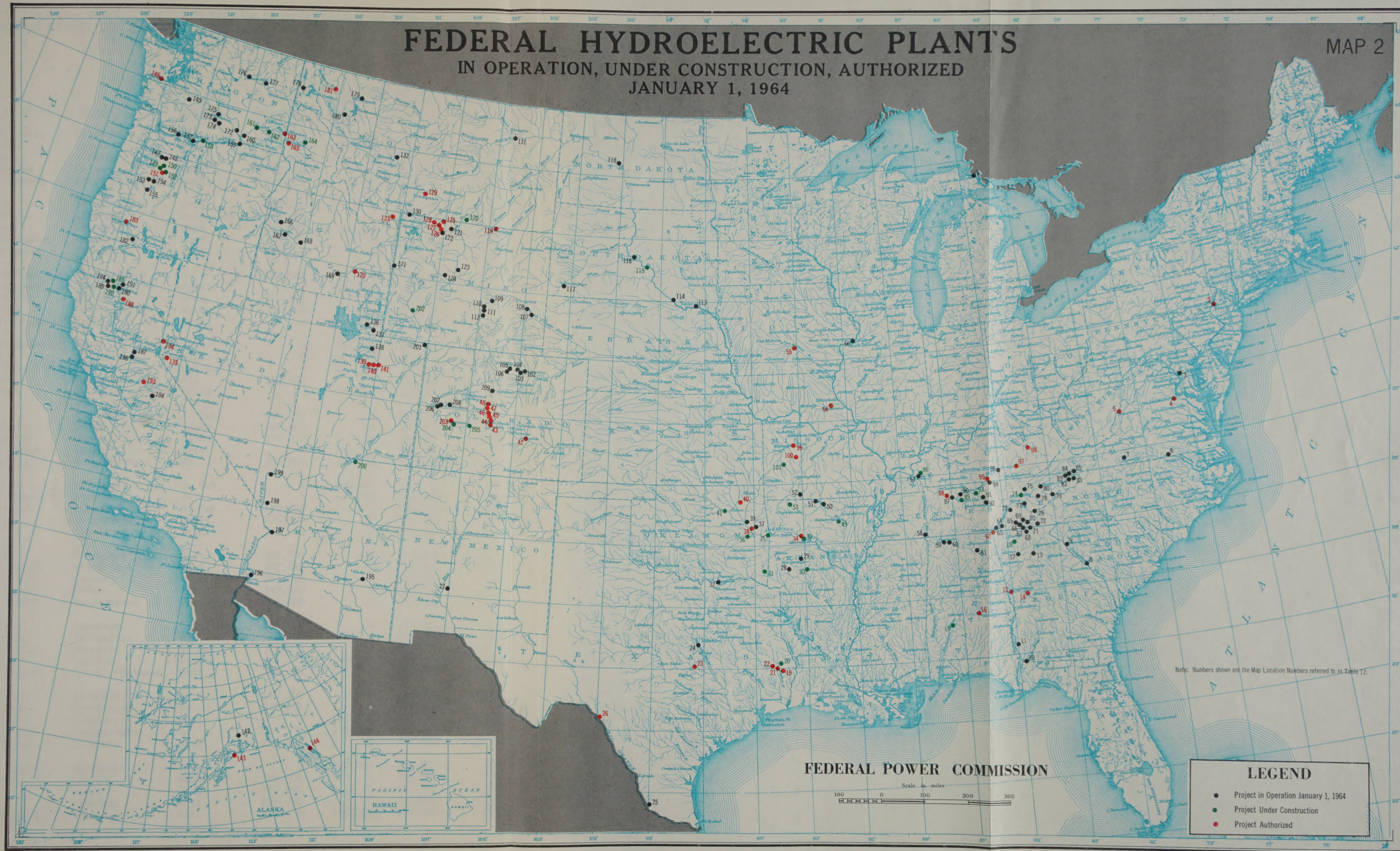
5/ NICKAJACK WILL REPLACE THE EXISTING HALES BAR PLANT.

* PLANT LOCATED IN TWO STATES. INSTALLED CAPACITY DIVIDED
BETWEEN STATES AS SHOWN. USABLE POWER STORAGE CAPACITY AND
GROSS STATIC HEAD SHOWN ARE THE TOTAL FOR THE SITE.

FEDERAL HYDROELECTRIC PLANTS

IN OPERATION, UNDER CONSTRUCTION, AUTHORIZED
JANUARY 1, 1964

MAP 2



LOC/
TION
NO.
MAP

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26

173
174
180
195

131
141
194

TABLE 13 - HYDROELECTRIC PLANTS EXISTING OR UNDER CONSTRUCTION WITH
 PLANNED ULTIMATE CAPACITIES OF 100,000 KILOWATTS OR MORE - JANUARY 1, 1964

Class 1/	Name of plant	River	State	Installed capacity - kw			Avg. annual generation ultimate million kwh
				Existing	Under constr.	Planned ultimate	
F	Grand Coulee	Columbia	Wash.	1,944,000	0	5,544,000	21,700
F	John Day	Columbia	Wash.	0	1,350,000	2,700,000	10,153
M	Niagara	Niagara	N. Y.	1,953,900	0	1,953,900	13,000
F	The Dalles	Columbia	Wash.	1,119,000	0	1,743,000	8,261
F	Chief Joseph	Columbia	Wash.	1,024,000	0	1,728,000	10,013
F	McNary	Columbia	Oreg.	980,000	0	1,400,000	6,833
F	Hoover	Colorado	Ariz.-Nev.	1,340,000	0	1,340,000	4,380
M	Wanapum	Columbia	Wash.	748,125	83,125	1,330,000	6,280
M	Priest Rapids	Columbia	Wash.	788,500	0	1,261,600	5,590
M	Rocky Reach	Columbia	Wash.	711,550	0	1,118,150	6,700
M	Robert Moses	St. Lawrence	N. Y.	912,000	0	912,000	6,500
F	Glen Canyon	Colorado	Ariz.	0	900,000	900,000	4,600
F	Bonneville	Columbia	Oreg.	518,400	0	842,400	7,044
M	Boundary	Pend Oreille	Wash.	0	551,000	826,500	3,500
F	Lower Monumental	Snake	Wash.	0	405,000	810,000	2,619
F	Little Goose	Snake	Wash.	0	405,000	810,000	2,488
M	Wells	Columbia	Wash.	0	541,975	774,250	4,500
M	Oroville	Feather	Calif.	0	351,000	702,000	1,800
F	Wilson	Tennessee	Ala.	598,000	0	630,000	2,587
F	Dworshak	N. Fk. Clearwater	Idaho	0	300,000	600,000	1,919
F	Oahe	Missouri	S. Dak.	595,000	0	595,000	2,302
P	Brownlee	Snake	Idaho	360,400	0	540,600	2,400
F	Ice Harbor	Snake	Wash.	270,000	0	540,000	2,409
P	Hells Canyon	Snake	Oreg.	0	408,000	493,200	1,800
P	Conowingo	Susquehanna	Md.	252,000	222,480	474,480	1,719
F	Big Bend	Missouri	S. Dak.	0	468,000	468,000	907
P	Smith Mountain	Roanoke	Va.	0	300,200	450,300	400
F	Garrison	Missouri	N. Dak.	400,000	0	400,000	1,886
F	Shasta	Sacramento	Calif.	375,000	0	375,000	1,720
M	Ross	Skagit	Wash.	360,000	0	360,000	900
F	Wheeler	Tennessee	Ala.	356,400	0	356,400	1,292
P	Noxon Rapids	Clark Fork	Mont.	282,880	0	353,600	2,014
P	Cowans Ford	Catawba	N. C.	262,500	0	350,000	154
F	Bull Shoals	White	Ark.	340,000	0	340,000	785
P	Safe Harbor	Susquehanna	Pa.	196,000	0	336,000	920
F	Hartwell	Savannah	Ga.	264,000	0	330,000	453
P	Martin Dam	Tallapoosa	Ala.	154,200	0	325,200	357
F	Fort Randall	Missouri	S. Dak.	320,000	0	320,000	1,503
M	Mossyrock	Cowlitz	Wash.	0	300,000	300,000	990
F	Hungry Horse	S. Fk. Flathead	Mont.	285,000	0	285,000	843
F	Clark Hill	Savannah	S. C.	280,000	0	280,000	700
F	Wolf Creek	Cumberland	Ky.	270,000	0	270,000	867
F	Yellowtail	Bighorn	Mont.	0	250,000	250,000	910
F	Carters Dam	Coosawattee	Ga.	0	250,000	250,000	174
M	Rock Island	Columbia	Wash.	212,100	0	249,000	1,920
P	Round Butte	Deschutes	Oreg.	0	247,050	247,050	946
M	Diablo	Skagit	Wash.	120,000	0	240,000	906
P	Oxbow	Snake	Oreg.	190,000	0	237,500	1,108
F	Davis	Colorado	Ariz.	225,000	0	225,000	1,178
P	Jordan No. 2	Coosa	Ala.	0	150,000	225,000	880

TABLE 13 (Contd) - HYDROELECTRIC PLANTS EXISTING OR UNDER CONSTRUCTION WITH
PLANNED ULTIMATE CAPACITIES OF 100,000 KILOWATTS OR MORE - JANUARY 1, 1964

Class 1/	Name of plant	River	State	Installed capacity - kw			Avg. annual generation ultimate million kwh
				Existing	Under constr.	Planned ultimate	
P	Kerr	Flathead	Mont.	168,000	0	224,000	1,170
F	Pickwick Landing	Tennessee	Tenn.	216,000	0	216,000	1,300
P	Yale	Lewis	Wash.	108,000	0	216,000	529
P	Swift No. 1	Lewis	Wash.	204,000	0	204,000	642
F	John H. Kerr	Roanoke	Va.	204,000	0	204,000	438
F	Fontana	Little Tennessee	N. C.	202,500	0	202,500	910
P	Cabinet Gorge	Clark Fork	Idaho	200,000	0	200,000	1,159
M	White Rock	S. Fk. American	Calif.	0	150,000	200,000	496
F	Table Rock	White	Mo.	200,000	0	200,000	495
P	Saluda	Saluda	S. C.	130,000	0	195,000	217
P	Caribou No. 1&2	N. Fk. Feather	Calif.	184,800	0	184,800	542
P	Merwin	Lewis	Wash.	135,000	0	180,000	600
M	Gorge	Skagit	Wash.	134,400	0	178,000	1,103
P	Gaston	Roanoke	N. C.	177,920	0	177,920	303
P	Lay Dam	Coosa	Ala.	64,800	0	160,800	585
F	Denison	Red	Texas	70,000	0	175,000	317
P	Osage	Osage	Mo.	172,000	0	172,000	440
F	Fort Peck	Missouri	Mont.	165,000	0	165,000	960
M	Pinopolis	Santee-Cooper	S. C.	132,615	0	163,215	547
F	Folsom	American	Calif.	162,000	0	162,000	658
F	Kentucky	Tennessee	Ky.	160,000	0	160,000	1,160
M	Mayfield	Cowlitz	Wash.	120,000	0	160,000	746
P	Keokuk	Mississippi	Iowa	124,800	0	158,400	775
P	Lewis Smith	Sipsey Fk.	Ala.	157,500	0	157,500	209
P	Big Creek No. 3	San Joaquin	Calif.	106,500	0	156,500	1,000
P	McCloud-Pit	McCloud Diversion	Calif.	0	154,800	154,800	528
F	Watts Bar	Tennessee	Tenn.	150,000	0	150,000	790
F	Spring Creek	Clear Creek Div.	Calif.	0	150,000	150,000	500
P	Holtwood	Susquehanna	Pa.	107,200	0	147,200	770
M	Camino	Silver Creek Div.	Calif.	71,250	0	142,500	369
P	Comerford	Connecticut	N. H.	140,400	0	140,400	307
P	S. C. Moore	Connecticut	N. H.	140,400	0	140,400	251
F	Norfork	North Fork	Ark.	70,000	0	140,000	220
P	Mitchell	Coosa	Ala.	72,500	0	137,500	523
F	Chickamauga	Tennessee	Tenn.	108,000	0	135,000	790
M	Cherry Creek	Cherry Creek	Calif.	135,000	0	135,000	600
P	Haas	N. Fk. Kings	Calif.	135,000	0	135,000	356
F	Center Hill	Caney Fork	Tenn.	135,000	0	135,000	351
F	Clear Creek	Trinity River Div.	Calif.	134,000	0	134,000	440
M	Jaybird	Silver Creek	Calif.	133,000	0	133,000	505
F	Barkley	Cumberland	Ky.	0	130,000	130,000	582
F	Walter F. George	Chattahoochee	Ga.	130,000	0	130,000	443
P	Mammoth Pool	San Joaquin	Calif.	129,360	0	129,360	546
P	Logan Martin	Coosa	Ala.	0	128,250	128,250	394
P	Balch	N. Fk. Kings	Calif.	128,200	0	128,200	406
P	Pit No. 5	Pit	Calif.	128,000	0	128,000	836
F	Fort Loudon	Tennessee	Tenn.	128,000	0	128,000	530
P	Jordan No. 1	Coosa	Ala.	100,000	0	125,000	169
P	Poe	N. Fk. Feather	Calif.	124,200	0	124,200	542
F	Dardanelle	Arkansas	Ark.	0	124,000	124,000	613

TABLE 13 (Contd) - HYDROELECTRIC PLANTS EXISTING OR UNDER CONSTRUCTION WITH
 PLANNED ULTIMATE CAPACITIES OF 100,000 KILOWATTS OR MORE - JANUARY 1, 1964

Class 1/	Name of plant	River	State	Installed capacity - kw			Avg. annual generation ultimate million kwh
				Existing	Under Constr.	Planned ultimate	
F	Guntersville	Tennessee	Ala.	97,200	0	121,500	790
P	Calderwood	Little Tennessee	Tenn.	121,500	0	121,500	558
F	Parker	Colorado	Calif.	120,000	0	120,000	660
F	Morrow Point	Gunnison	Colo.	0	120,000	120,000	350
F	Cherokee	Holston	Tenn.	120,000	0	120,000	330
F	Lookout Point	N. Fk. Willamette	Oreg.	120,000	0	120,000	298
P	White River	White	Wash.	70,000	0	119,000	330
P	Colton	Raquette	N. Y.	29,520	0	116,920	300
C	Smiths Ford	Locust Fork	Ala.	0	57,600	115,200	84
F	Palisades	Snake	Idaho	114,000	0	114,000	650
P	Rock Creek	N. Fk. Feather	Calif.	113,400	0	113,400	523
F	Douglas	French Broad	Tenn.	112,000	0	112,000	355
F	Beaver	White	Ark.	0	112,000	112,000	164
P	Cheoah	Little Tennessee	N. C.	110,000	0	110,000	500
F	Robert S. Kerr	Arkansas	Okla.	0	110,000	110,000	459
M	Markham Ferry	Grand	Okla.	0	110,000	110,000	190
F	Allatoona	Etowah	Ga.	74,000	0	110,000	145
M	Middle Fork	Rubicon Div.	Calif.	0	109,800	109,800	425
F	Flaming Gorge	Green	Utah	72,000	36,000	108,000	480
P	Pelton	Deschutes	Oreg.	108,000	0	108,000	400
P	Walters	Pigeon	N. C.	108,000	0	108,000	306
P	Pit No. 7	Pit	Calif.	0	104,400	104,400	481
P	Lower Baker	Baker	Wash.	103,500	0	103,500	387
I	Hawks Nest	New	W. Va.	102,000	0	102,000	495
F	Norris	Clinch	Tenn.	100,800	0	100,800	390
P	Roanoke Rapids	Roanoke	N. C.	100,080	0	100,080	326
F	Gavins Point	Missouri	Nebr.	100,000	0	100,000	608
M	Moccasin Creek	Tuolumne Div.	Calif.	70,000	0	100,000	537
F	Old Hickory	Cumberland	Tenn.	100,000	0	100,000	420
P	Bliss	Snake	Idaho	75,000	0	100,000	382
F	Detroit	North Santiam	Oreg.	100,000	0	100,000	368
F	Trinity	Trinity	Calif.	0	100,000	100,000	350
F	Broken Bow	Mountain Fork	Okla.	0	100,000	100,000	129
Sub-total - 102 Existing Plants				27,448,300	341,605	37,284,925	164,311
Sub-total - 31 New Plants Under Construction					8,938,075	12,674,750	44,331
Total - 133 Plants				27,448,300	9,279,680	49,959,675	208,642

1/ Class of ownership:

- F - Federally-owned.
- P - Privately-owned.
- M - Non-Federal publicly-owned.
- C - Cooperatively-owned.
- I - Industrially-owned.

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